CANADA'S CUSTOMS TARIFF ACCORDING TO THE HARMONIZED SYSTEM:

VOLUME IV

(In Five Parts)

PART 2

(CHAPTERS 68 TO 83)

REFERENCE
163

A REPORT BY
THE TARIFF BOARD

REFERENCE NO. 163

A REPORT OF AN INQUIRY
by the
TARIFF BOARD
respecting
CANADA'S CUSTOMS TARIFF ACCORDING
TO THE HARMONIZED SYSTEM:
VOLUME IV
(In Five Parts)

PART 2

(CHAPTERS 68 TO 83)

This report is made pursuant to a reference by the Minister of Finance under section 4(2) of the Tariff Board Act.

91-01907/

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Available in Canada through

Associated Bookstores
and other booksellers

or by mail from

Canadian Government Publishing Centre
Supply and Services Canada
Ottawa, Canada K1A 0S9

Catalogue No. FT4-163/68-83-01E Canada: $67.50
ISBN 0-660-12233-2 Other Countries: $81.00

Price subject to change without notice

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The Board makes special mention of its two editors who worked with particular care and diligence throught this reference:

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FOREWORD

Volume IV of Reference 163 consists of five separately bound parts.

Part 1 includes the Introduction, the General Rules for the Interpretation of the Canadian Customs Nomenclature, the Titles of Sections and Chapters of the Harmonized System, and the Notes of Reference in the Canadian Customs Nomenclature.

Part 2 includes HS Sections XIII through XV with individual reports for Chapters 68 to 83.

Part 3 includes HS Section XVI with individual reports for Chapters 84 and 85.

Part 4 includes HS Sections XVII through XXII with individual reports for Chapters 86 to 98.

Part 5 includes the Supplementary Annex.

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SECTION XIII

ARTICLES OF STONE, PLASTER, CEMENT, ASBESTOS, MICA OR SIMILAR MATERIALS; CERAMIC PRODUCTS; GLASS AND GLASSWARE

Section XIII

ARTICLES OF STONE, PLASTER, CEMENT, ASBESTOS, MICA OR SIMILAR MATERIALS; CERAMIC PRODUCTS; GLASS AND GLASSWARE

(No Legal Notes were received and no Canadian Legal Notes are recommended for this Section)

REPORTS FOR
CHAPTERS 68 TO 70

CHAPTER 68

Articles of Stone, Plaster, Cement, Asbestos, Mica or Similar Materials

A. Introduction

Proposed Chapter 68 incorporates, in whole or in part, 100 items of the Customs Tariff, as listed below:

	Tarred paper ... manufactured ... of vegetable fibres, n.o.p.:
19200-1	Other than the following (see 19200-3, 19200-4 and 19200-7)
19200-2	Building papers ... fibreboard, strawboard ... n.o.p., not cut ...
19200-5	Tiles ... other than hardboard, for ceilings, n.o.p.
*19200-6	Tiles ... other than hardboard, for ceilings, not cut ...
*19215-1	Sandpaper ... emery paper or emery cloth
*19216-1	Paper or cloth, coated on one side ... for ... abrasive sheets ...
	Roofing and shingles of saturated felt:
19220-1	Roofing of saturated felt, not cut to size or shape
*19220-2	N.o.p.
19230-1	Gasket stock ... of vegetable materials ... for sealing articles ...
28200-1	Building brick and paving brick
28205-1	Manufacturers of clay or cement, n.o.p.
28400-1	Drain pipes, sewer pipes ... glazed or unglazed, n.o.p.
*28410-1	Gypsum tile
28500-1	Tiles ... of earthenware, clay or stone prepared for mosaic flooring
28800-1	Stoneware and Rockingham ware and earthenware, n.o.p.
28900-1	Baths, bathtubs ... of earthenware, stone, cement, clay ... n.o.p.
*29520-1	Cast shapes of melted basalt rock ...
*30300-1	Grindstones, not mounted, not less than 36" in diameter
*30400-1	Grindstones, mounted or not, n.o.p.
30515-1	Marble, sawn or sand rubbed, not polished
30520-1	Granite, sawn
*30525-1	Paving blocks of stone
30530-1	Flagstone and building stone, other than marble or granite ...
*30610-1	Building stone, other than marble or granite, planed, turned ...
30615-1	Marble ... imported by manufacturers of tombstones ...
30620-1	Ornamental ... marble ... used for interior work in churches
*30700-1	Marble, n.o.p.
*30705-1	Manufactures of marble, n.o.p.
30710-1	Granite, n.o.p.
*30715-1	Manufactures of granite, n.o.p.
*30800-1	Manufactures of stone, n.o.p.
*30805-1	Manufactures of alabaster, n.o.p.
*30900-1	Roofing slate
30905-1	Granules ... for roofing, including shingles and siding
*31000-1	Slate mantels and other manufactures of slate, n.o.p.

---

* Indicates that goods under the present tariff item are classified only to this Chapter.

31200-1	Asbestos in any form other than crude ... n.o.p.
*31205-1	Asbestos...other than crude ...of British Commonwealth origin, n.o.p.
*31215-1	Yarns...of asbestos...for use in...clutch facings and brake linings
*31220-1	Woven fabrics ... of asbestos ... for use in ... brake linings
*31225-1	Rubber impregnated asbestos felt ... (for) floor coverings
31400-1	Plumbago, ground ... and foundry facings of all kinds
*31405-1	Graphite blocks ... for moulds for casting (railway) wheels ...
*35225-1	Friction material of metal powders, compressed...in strips, sheets...
*39703-1	Concrete pipe, iron or steel reinforced
40916-1	Mowing machines, harvesters ... cabs and parts for the foregoing
40924-1	... All other agricultural implements or machinery, n.o.p.; parts
40938-1	Internal combustion tractors ... accessories, n.o.p., and parts
40956-1	... pulleys ... for use with ... (agricultural machinery)
40960-1	Roofs, chutes ... for silos for storing ensilage ...
41006-1	Diesel-powered self-propelled dump trucks ... for carrying minerals
	Machinery and apparatus for use in mining ... namely:
41011-1	Crushing machines and grinding mills ... parts of all the foregoing
41012-1	... tubes or shells ... for breaking down coal or other minerals ...
	Coal cutting machines ... scales for use with conveyors; parts ...:
41013-1	Other than the following (see 41014-1)
41105-1	Self-propelled trucks ... parts ... for use in logging operations ...
42520-1	Air-cooled internal combustion engines...parts...for power lawn mowers
	Machines, n.o.p., and accessories ... parts of the foregoing:
42700-1	Other than the following (see 42700-2 to 42700-16)
42700-6	Manufacturing machinery; parts and accessories
42712-1	Amusement riding devices ... parts of the foregoing
43415-1	Motor rail cars ... for railways ... complete parts of the foregoing
	Bearings ... vulcanized fibre ... parts ... (motor vehicles):
43806-1	When of a class or kind not made in Canada
43807-1	When of a class or kind made in Canada
	Brake linings and clutch facings ... for motor vehicles ...:
43832-1	When made ... from crude asbestos of British Commonwealth origin
*43833-1	When made wholly or in part from crude asbestos, n.o.p.
43836-1	Motorcycles having an engine capacity of 250 c.c. or less ...
43839-1	Motorcycles having an engine capacity of more than 250 c.c. ...
43868-1	Snowmobiles ... and accessories and parts ... original equipment ...
*44011-1	Oars for racing shells ... imported by amateur rowing clubs ...(1)
44053-1	Parts of aircraft, n.o.p.
44062-1	... Castings ... for use in civil aircraft ...
44200-1	Articles and materials ... manufacture of (agricultural goods) ...
46000-1	Materials to be used in Canada for bridges and tunnels ...
46500-1	Signs of any material ... letters and numerals ...
*48015-1	Models or casts used in ... dentures, bridges, crowns ...
*51300-1	Window cornices and cornice poles of all kinds
56110-1	Yarns and rovings ... of man-made fibres or filaments ...
	Woven fabrics ... of man-made fibres or filaments ...:
56205-1	Exceeding 30 cm in width
56206-1	Not exceeding 30 cm in width

---

* Indicates that goods under the present tariff item are classified only to this Chapter.

(1) The allocation of tariff item 44011-1, in its entirety, to this Chapter is in error.

56240-1	Woven fabrics...(for manufacture) of conveyor or transmission belts...
56300-1	Clothing ... of man-made fibres or filaments ... glass fibres ...
56830-1	Gloves and mitts of all kinds, n.o.p.
56910-1	Hoods and shapes, caps, bonnets and berets, n.o.p.
56915-1	Hats, n.o.p.
	Coated or impregnated fabrics, containing textile fabric ...:
57401-1	... wholly or in part of man-made fibres or filaments ...
57402-1	... not being wholly or in part of man-made fibres or filaments ...
60800-1	Leather not further finished than tanned, and skins, n.o.p.
61000-1	Belting, n.o.p., not including single-ply belting ...
62300-1	Musical instrument cases, fancy cases ... parts ...
62400-1	Bead ornaments ... statues and statuettes of any material, n.o.p.
*67000-1	Grinding wheels, stones or blocks ... n.o.p.
*68905-1	Mineral wool
68910-1	Alumino-silicate fibres ... used in the casting of iron or steel
*68912-1	Woven fabrics ... of heat stabilized polyacrylonitrile fibres ...
69105-1	... benitiers ... religious statues, statuettes, medals ...
71100-1	All goods not enumerated in this schedule ...
71100-2	Roofing granules, whether or not coloured or coated
*71115-1	Pots or compressed pellets...of peat...for transplating plants...
84900-1	Goods which enter into the cost of manufacture of fertilizers ...
87500-1	Handicraft goods ... of a General Preferential Tariff (country)
95002-1	All parts and accessories ... equipment in automobiles ...
95006-1	All parts, and accessories ... specified commercial vehicles ...

B. The Board's Analysis and Recommendations

Two of the submissions received by the Board during Phase III referred to items covered by Chapter 68. These two submissions were from DOMCO Industries Ltd. and Babcock-Wilcox Refractories. DOMCO also presented a brief for the final hearing regarding Phase III held in July, 1986.

In its original brief DOMCO referred to classification problems pertaining to mineral fibre board (MFB), a form of flooring felt. In subsequent submissions it was pointed out that MFB, primarily of rockwool fibres, was at present entered under tariff item 19200-2, at 6.5 p.c. MFN, but upon conversion would be classified under tariff line 6806.10.00 at the higher rate of 11.3%. A similar concern was expressed respecting flooring felt when comprised mainly of talc. This second product, also under 19200-2 at 6.5 p.c. MFN, would be classified to tariff line 6815.99.99 at 10.2%.

The Board considered the concerns expressed by DOMCO to be justified and recommends that appropriate breakouts be introduced under subheading Nos. 6806.10 and 6806.90, to maintain the existing 6.5 p.c. MFN rate for the type of flooring products described here. A minor nomenclature change is also included, to clarify possible uncertainty respecting the terms "sheeting" as opposed to "sheathing". The Board's recommendation is shown below.

---

* Indicates that goods under the present tariff item are classified only to this Chapter.

Delete the rates of duty under 6806.10.00.00 and add the following:

			MFN Rate
6806.10	-Slag wool, rock wool and similar mineral wools, (including intermixtures thereof), in bulk, sheets or rolls		
6806.10.10.00	---Sheeting (sheathing), containing vegetable fibres, in rolls	kg	6.5%
6806.10.90.	---Other		11.3%

Delete the rates of duty under 6806.90.00.00 and add the following:

			MFN Rate
6806.90	-Other		
6806.90.10.00	---Sheeting (sheathing) containing vegetable fibres	kg	6.5%
6806.90.90.00	---Other	kg	9.1%

Babcock-Wilcox Refractories manufactures goods competitive with imports under tariff item 28116-1. The company's concern was that import statistics for goods competitive with its products should continue to be available and it requested a statistical breakout in the HS. The Board agrees and recommends the introduction of statistical line 6806.10.90.10 respecting alumino silicate ceramic fibres, supplemented by a complementary statistical line, 6806.10.90.90 - "Other mineral wools" (See Table 68.1).

In the Board's analysis of the proposed HS conversion, it was noted that the rate of duty under tariff line 6802.91.00 (9% MFN), with respect to goods now classified to tariff item 30800-1 at 12.5 p.c., satisfies the Board's criteria for the restoration of existing rates. However, since both the current item "manufactures of stone, n.o.p." and the new tariff line are residual, or basket items, specific identification is not possible, and, accordingly, the Board makes no recommendation.

The problem, under tariff line 6802.92.00, was quite different. Here the Board found that the trade weighted average calculation was in error; the MFN rate should have been 9.9% instead of 11.5%. Accordingly, the Board recommends that the rate for tariff line 6802.92.00 be amended from 11.5% to 9.9% MFN.

Pursuant to the Board's recommendations under Reference 159, a new tariff item was introduced in 1985, item 19200-7, "Gypsum wallboard". The MFN rate provided for is 9.4 p.c., reflecting a minor increase over the 9.2 p.c. rate previously applying. The draft Schedule does not incorporate this upward adjustment, however, as gypsum wallboard under 6809.11.00.20 retains the previous 9.2% MFN rate. In order to provide for the revised rate, the Board recommends the change below:

Delete the rates of duty under 6809.11.00 and add the following:

			MFN Rate
6809.11	--Faced or reinforced with paper or paperboard only		
6809.11.10.00	---Gypsum wallboard	m^2	9.4%
6809.11.90.	---Other		9.2%
10	-----Gypsum lath	m^2	
90	-----Other	m^2	

The nomenclature changes recommended by the Board are listed in Table 68.1.

Table 68.1

The Board's Nomenclature Recommendations

HS Code	Description of goods	Reason for Change
6801.00.00.10	-----Granite . . . . Granit	2
6802.10.10.00	---Roofing granules, artificially coloured . . . Granulés de toiture colorés artificiellement	2
6802.91.00.10	-----Baths, wash basins and sinks . . . . Baignoires, éviers et lavabos	2
6805.20.00.10	-----Sand sheets used as pet supplies	4
	New class	
6806.10.90.10	-----Alumino silicate ceramic fibres and manufactures thereof . . . . Fibres de céramiques d'alumino-silicates et ouvrages en ces matières	6
	New class	
6806.10.90.90	-----Other mineral wools . . . . Autres laines minérales	6
6807.10.00.10	-----Composed in part of vegetable fibres or of felt . . . . Composés partiellement de fibres végétales ou de feutre	2
6807.90.00	-Other articles of asphalt or of similar material . . . . Autres ouvrages en asphalte ou en produits similaires	3
6808.00.00.10	-----Ceiling tiles in rectangular (including square) sheets with one side not exceeding 61 cm and the other side not exceeding 15 cm . . . . Carreaux à plafonds en forme carrée ou rectangulaire dont un coté n'excède pas 61 cm et l'autre 15 cm	2

TABLE 68.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
6808.00.00.20	-----Ceiling tiles in rectangular (including square) sheets with one side exceeding 61 cm and the other side exceeding 15 cm . Carreaux à plafonds en forme carrée ou rectangulaire dont un coté excède 61 cm et l'autre 15 cm	2
6809.90.10.00	---Models and casts, of a kind used in the manufacture of dental prostheses . . . . . . Modèles et moulages, des types utilisés dans la fabrication de prothèses dentaires	2
6811.30.00.10	-----Tubes and pipes . . . . Tuyaux et gaines	2
6811.30.00.20	-----Accessoires de tuyauterie	2
6812.50.00.10	-----Fire-fighting suits . . . . Costumes pour combattre les incendies	4
6813.10.10	---Pour véhicules automobiles de la position n° 87.02, 87.03, 87.04 ou 87.05	1
6813.90.10.00	---Garnitures d'embrayage pour véhicules automobiles de la position n° 87.02, 87.03, 87.04 ou 87.05	1
6814.90.00.10	-----Mica blocks, films and sheets . . . . Mica en blocs ou en feuilles	2
6815.10.10.00	---Graphite blocks of a diameter exceeding 1 m and a thickness exceeding 38 cm, used for making moulds for casting wheels for railway vehicles . . . . Blocs de graphite d'un diamètre excédant 1 m et d'une épaisseur excédant 38 cm, devant servir à la fabrication de moules à couler les roues de véhicules de chemins de fer	2
6815.20.00.10	-----Pots for plants	2
6815.99.10.00	---Models and casts, of a kind used in the manufacture of dental prostheses . . . . . . Modèles ou moulages, des types utilisés dans la fabrication de prothèses dentaires	2
6815.99.40.00	---Articles coulés de roche basaltique	2

Chapter 68

ARTICLES OF STONE, PLASTER, CEMENT, ASBESTOS, MICA OR SIMILAR MATERIALS

Legal Notes. *

1. This Chapter does not cover:

   (a) Goods of Chapter 25;

   (b) Coated, impregnated or covered paper of heading No. 48.10 or 48.11 (for example, paper coated with mica powder or graphite, bituminised or asphalted paper);

   (c) Coated, impregnated or covered textile fabric of Chapter 56 or 59 (for example, fabric coated or covered with mica powder, bituminised or asphalted fabric);

   (d) Articles of Chapter 71;

   (e) Tools or parts of tools, of Chapter 82;

   (f) Lithographic stones of heading No. 84.42;

   (g) Electrical insulators (heading No. 85.46) or fittings of insulating material of heading No. 85.47;

   (h) Dental burrs (heading No. 90.18);

   (ij) Articles of Chapter 91 (for example, clocks and clock cases);

   (k) Articles of Chapter 94 (for example, furniture, lamps and lighting fittings, prefabricated buildings);

   (l) Articles of Chapter 95 (for example, toys, games and sports requisites);

   (m) Articles of heading No. 96.02, if made of materials specified in Note 2 (b)to Chapter 96, or of heading No. 96.06 (for example, buttons), No. 96.09 (for example, slate pencils) or No. 96.10 (for example, drawing slates); or

   (n) Articles of Chapter 97 (for example, works or art).

2. In heading No. 68.02 the expression "worked monumental or building stone" applies not only to the varieties of stone referred to in heading No. 25.15 or 25.16 but also to all other natural stone (for example, quartzite, flint, dolomite and steatite) similarly worked; it does not, however, apply to slate.

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
68.01 6801.00.00.	**Setts, curbstones and flagstones, of natural stone (except slate) . . . .**		Free	5.5%	35%	Free	
10	-----Granite	-					*
90	-----Other	-					
68.02	**Worked monumental or building stone (except slate) and articles thereof, other than goods of heading No. 68.01; mosaic cubes and the like, of natural stone (including slate), whether or not on a backing; artificially coloured granules, chippings and powder, of natural stone (including slate).**						
6802.10	-Tiles, cubes and similar articles, whether or not rectangular (including square), the largest surface area of which is capable of being enclosed in a square the side of which is less than 7 cm; artificially coloured granules, chippings and powder						
6802.10.10.00	---Roofing granules, artificially coloured	kg	Free	Free	25%	Free	*
6802.10.90.00	---Other	-	12.5%	12.5%	30%	8%	
	-Other monumental or building stone and articles thereof, simply cut or sawn, with a flat or even surface						
6802.21.00.00	--Marble, travertine and alabaster	-	5.7%	5.7%	35%	3.5%	
6802.22.00.00	--Other calcareous stone	-	7.5%	8%	15%	5%	
6802.23.00.00	--Granite	-	Free	5.5%	35%	Free	
6802.29.00.00	--Other stone	-	7.5%	8%	15%	5%	
	-Other						
6802.91.00.	--Marble, travertine and alabaster		9%	9%	40%	Free	
10	-----Baths, wash basins and sinks	-					*
90	-----Other	-					
6802.92.00.	--Other calcareous stone		9.9%	9.9%	35%	6.5%	*
10	-----Worked monumental or building stone . .	-					
90	-----Other	-					
6802.93.00.	--Granite		10.2%	10.2%	40%	6.5%	
10	-----Worked monumental or building stone . .	-					
90	-----Other	-					
6802.99.00.	--Other stone		10.2%	10.2%	30%	6.5%	
10	-----Worked monumental or building stone . .	-					
90	-----Other	-					

TABLE 68.2 (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs			
			BP	MFN	Gen	GP
68.03	**Worked slate and articles of slate or of agglomerated slate.**					
6803.00.10.00	---Roofing slate	m^2	Free	Free	8¢/m^2	Free
6803.00.90.00	---Other	-	10.2%	10.2%	30%	6.5%
68.04	**Millstones, grindstones, grinding wheels and the like, without frameworks, for grinding, sharpening, polishing, trueing or cutting, hand sharpening or polishing stone, and parts thereof, of natural stone, of agglomerated natural or artificial abrasives, or of ceramics, with or without parts of other materials.**					
6804.10.00.00	-Millstones and grindstones for milling, grinding or pulping	-	10.2%	10.2%	25%	Free
	-Other millstones, grindstones, grinding wheels and the like					
6804.21.00.00	--Of agglomerated synthetic or natural diamond	-	10.2%	10.2%	30%	6.5%
6804.22.00.00	--Of other agglomerated abrasives or of ceramics	-	10.2%	10.2%	30%	6.5%
6804.23.00.00	--Of natural stone	-	10.2%	10.2%	25%	Free
6804.30.00.00	-Hand sharpening or polishing stones	-	10.2%	10.2%	30%	6.5%
68.05	**Natural or artificial abrasive powder or grain, on a base of textile material, of paper, of paperboard or of other materials, whether or not cut to shape or sewn or otherwise made up.**					
6805.10.00.00	-On a base of woven textile fabric only . .	-	10.2%	10.2%	30%	6.5%
6805.20.00.	-On a base of paper or paperboard only . . .		10.2%	10.2%	30%	6.5%
10	-----Sand sheets used as pet supplies . . .	-				
20	-----Emery boards	-				
90	-----Other	-				
6805.30.00.00	-On a base of other materials	-	10%	10.2%	30%	6.5%

*

TABLE 68.2(CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
68.06	**Slag wool, rock wool and similar mineral wools; exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials; mixtures and articles of heat-insulating, sound-insulating or sound-absorbing mineral materials, other than those of heading No. 68.11 or 68.12 or of Chapter 69.**						
6806.10	-Slag wool, rock wool and similar mineral wools, (including intermixtures thereof), in bulk, sheets or rolls						*
6806.10.10.00	---Sheeting (sheathing), containing vegetable fibres, in rolls	kg	6.5%	6.5%	35%	Free	*
6806.10.90.	---Other		Free	11.3%	25%	Free	*
10	-----Alumino silicate ceramic fibres and manufactures thereof	kg					*
90	-----Other mineral wools	kg					*
6806.20.00.	-Exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials (including intermixtures thereof)		10.2%	10.2%	25%	6.5%	
10	-----Exfoliated (expanded) vermiculite . . .	kg					
20	-----Expanded perlite	kg					
90	-----Other	kg					
6806.90.	-Other						*
6806.90.10.00	---Sheeting (sheathing) containing vegetable fibres	kg	6.5%	6.5%	35%	Free	*
6806.90.90.00	---Other	kg	9.1%	9.1%	30%	6%	*
68.07	**Articles of asphalt or of similar material (for example, petroleum bitumen or coal tar pitch).**						
6807.10.00.	-In rolls		10.2%	10.2%	25%	6.5%	
10	-----Composed in part of vegetable fibres or of felt	-					*
90	-----Other	-					
6807.90.00.	-Other articles of asphalt or of similar material		10.2%	10.2%	25%	6.5%	*
10	-----Asphalt shingles	kg					
20	-----Asphalt insulating boards	kg					
30	-----Other asphalt rigid building boards . .	kg					
40	-----Ashphalt floor and wall tiles	m^2					
90	-----Other	-					

TABLE 68.2 (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
68.08 **6808.00.00.**	**Panels, boards, tiles, blocks and similar articles of vegetable fibre, of straw or of shavings, chips, particles, sawdust or other waste, of wood, agglomerated with cement, plaster or other mineral binders . . . . . .**		9.2%	9.2%	35%	Free	
10	-----Ceiling tiles in rectangular (including square) sheets with one side not exceeding 61 cm and the other side not exceeding 15 cm	m²					*
20	-----Ceiling tiles in rectangular (including square) sheets with one side exceeding 61 cm and the other side exceeding 15 cm	m²					*
90	-----Other	m²					
68.09	**Articles of plaster or of compositions based on plaster.**						
	-Boards, sheets, panels, tiles and similar articles, not ornamented						
6809.11	--Faced or reinforced with paper or paperboard only						*
6809.11.10.00	---Gypsum wallboard	m²	9.4%	9.4%	35%	Free	*
6809.11.90.	---Other		9.2%	9.2%	35%	Free	*
10	-----Gypsum lath	m²					*
90	-----Other	-					*
6809.19.00.00	--Other	-	10.2%	10.2%	25%	6%	
6809.90	-Other articles						
6809.90.10.00	---Models and casts, of a kind used in the manufacture of dental prostheses	-	Free	Free	25%	Free	*
6809.90.90.00	---Other	-	10.2%	10.2%	30%	6.5%	
68.10	**Articles of cement, of concrete or of artificial stone, whether or not reinforced.**						
	-Tiles, flagstones, bricks and similar articles						
6810.11.00.	--Building blocks and bricks		5%	5%	22.5%	Free	
10	-----Concrete bricks	-					
90	-----Other	-					
6810.19.00.00	--Other	-	8%	8%	22.5%	Free	
6810.20.00.00	-Pipes	-	9.8%	9.8%	30%	6.5%	

TABLE 68.2 (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	-Other articles						
6810.91	--Prefabricated structural components for building or civil engineering						
6810.91.10.00	---For silos	-	6.8%	6.8%	22.5%	6.8%	
6810.91.90.00	---Other	-	8%	8%	22.5%	Free	
6810.99.00.	--Other		8%	8%	22.5%	Free	
10	-----Burial vaults	-					
90	-----Other	-					
68.11	**Articles of asbestos-cement, of cellulose fibre-cement or the like.**						
6811.10.00.00	-Corrugated sheets	-	8%	8%	25%	5%	
6811.20.00.00	-Other sheets, panels, tiles and similar articles	-	8%	8%	25%	5%	
6811.30.00.	-Tubes, pipes and tube or pipe fittings . .		8%	8%	25%	5%	*
10	-----Tubes and pipes	-					
20	-----Tube or pipe fittings	-					
6811.90.00.	-Other articles		8%	8%	25%	5%	
10	-----For building purposes	-					
90	-----Other	-					
68.12	**Fabricated asbestos fibres; mixtures with a basis of asbestos or with a basis of asbestos and magnesium carbonate; articles of such mixtures or of asbestos (for example, thread, woven fabric, clothing, headgear, footwear, gaskets), whether or not reinforced, other than goods of heading No. 68.11 or 68.13.**						
6812.10.00.	-Fabricated asbestos fibres; mixtures with a basis of asbestos or with a basis of asbestos and magnesium carbonate		8%	8%	25%	5%	
10	-----Moulded asbestos insulation	-					
90	-----Other	-					
6812.20.00.00	-Yarn and thread	kg	12.5%	12.5%	35%	-	
6812.30.00.00	-Cords and string, whether or not plaited .	-	12.5%	12.5%	35%	-	

TABLE 68.2 (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 68-8

Code or Number	Description of Goods	Unit of Meas.	Tariffs			
			BP	MFN	Gen	GP
6812.40.00.	-Woven or knitted fabric		22.5%	25%	55%	-
10	-----Woven sheets	kg				
90	-----Other	kg				
6812.50.00.	-Clothing, clothing accessories, footwear and headgear		20%	25%	55%	-
10	-----Fire-fighting suits	-				
90	-----Other	-				
6812.60.00.	-Paper, millboard and felt		8%	8%	25%	5%
10	-----Felted sheets	kg				
90	-----Other	-				
6812.70.00.	-Compressed asbestos fibre jointing, in sheets or rolls		8%	8%	25%	5%
10	-----Gasket material	kg				
90	-----Other	-				
6812.90	-Other					
6812.90.10.00	---Belting	-	7.5%	17.5%	27.5%	7.5%
6812.90.90.	---Other		8%	8%	25%	5%
10	-----Building materials	-				
20	-----Gaskets	-				
90	-----Other	-				
68.13	**Friction material and articles thereof (for example, sheets, rolls, strips, segments, discs, washers, pads), not mounted, for brakes, for clutches or the like, with a basis of asbestos, of other mineral substances or of cellulose, whether or not combined with textile or other materials.**					
6813.10	-Brake linings and pads					
6813.10.10.	---For motor vehicles of heading No. 87.02, 87.03, 87.04 or 87.05		11.3%	11.3%	35%	7.5%
10	-----Moulded	-				
20	-----Woven	-				
90	-----Other	-				
6813.10.90.	---Other		8%	8%	25%	5%
10	-----Moulded	-				
20	-----Woven	-				
90	-----Other	-				
6813.90	-Other					
6813.90.10.00	---Clutch facings for motor vehicles of heading No. 87.02, 87.03, 87.04 or 87.05	-	11.3%	11.3%	35%	7.5%

TABLE 68.2 (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
6813.90.90.00	---Other	-	2.5%	9.2%	35%	2.5%	
68.14	**Worked mica and articles of mica, including agglomerated or reconstituted mica, whether or not on a support of paper, paperboard or other materials.**						
6814.10.00.00	-Plates, sheets and strips of agglomerated or reconstituted mica whether or not on a support	kg	10.2%	10.2%	25%	6.5%	
6814.90.00.	-Other		10.2%	10.2%	25%	6.5%	
10	-----Mica blocks, films and sheets	kg					*
90	-----Other	-					
68.15	**Articles of stone or of other mineral substances (including articles of peat), not elsewhere specified or included.**						
6815.10	-Non-electrical articles of graphite of other carbon						
6815.10.10.00	---Graphite blocks of a diameter exceeding 1 m and a thickness exceeding 38 cm, used for making moulds for casting wheels for railway vehicles	-	Free	5%	25%	Free	*
6815.10.90.00	---Other	-	9.2%	9.2%	25%	6%	
6815.20.00.	-Articles of peat		6.8%	6.8%	25%	4.5%	
10	-----Pots for plants	-					*
90	-----Other	-					
	-Other articles						
6815.91.00.00	--Containing magnesite, dolomite or chromite	-	10.2%	10.2%	25%	6.5%	
6815.99	--Other						
6815.99.10.00	---Models and casts, of a kind used in the manufacture of dental prostheses	-	Free	Free	25%	Free	*
6815.99.20.00	---Foundry facings	-	9.2%	9.2%	25%	6%	
6815.99.30.00	---Signs	-	10%	11.3%	30%	7.5%	
6815.99.40.00	---Cast articles of basalt	-	Free	5%	35%	Free	
	---Other articles						
6815.99.91.	----Of clay or cement		8%	8%	25%	Free	
10	-----Of clay	-					
20	-----Of cement	-					
6815.99.99.00	----Other	-	10.2%	10.2%	25%	6.5%	

CHAPTER 68

APPENDIX

Chapter 68

ARTICLES OF STONE, PLASTER, CEMENT, ASBESTOS, MICA OR SIMILAR MATERIALS

Notes.

1. This Chapter does not cover:

   (a) Goods of Chapter 25;

   (b) Coated, impregnated or covered paper of heading No. 48.10 or 48.11 (for example, paper coated with mica powder or graphite, bituminised or asphalted paper);

   (c) Coated, impregnated or covered textile fabric of Chapter 56 or 59 (for example, fabric coated or covered with mica powder, bituminised or asphalted fabric);

   (d) Articles of Chapter 71;

   (e) Tools or parts of tools, of Chapter 82;

   (f) Lithographic stones of heading No. 84.42;

   (g) Electrical insulators (heading No. 85.46) or fittings of insulating material of heading No. 85.47;

   (h) Dental burrs (heading No. 90.18);

   (ij) Articles of Chapter 91 (for example, clocks and clock cases);

   (k) Articles of Chapter 94 (for example, furniture, lamps and lighting fittings, prefabricated buildings);

   (l) Articles of Chapter 95 (for example, toys, games and sports requisites);

   (m) Articles of heading No. 96.02, if made of materials specified in Note 2 (b) to Chapter 96, or of heading No. 96.06 (for example, buttons), No. 96.09 (for example, slate pencils) or No. 96.10 (for example, drawing slates); or

   (n) Articles of Chapter 97 (for example, works of art).

2. In heading No. 68.02 the expression "worked monumental or building stone" applies not only to the varieties of stone referred to in heading No. 25.15 or 25.16 but also to all other natural stone (for example, quartzite, flint, dolomite and steatite) similarly worked; it does not, however, apply to slate.

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
68.01							
6801.00.00		**Setts, curbstones and flagstones, of natural stone (except slate)............**		Free	5.5%	35%	Free
	10	-----*Of granite.........................*	-				
	90	-----*Other..............................*	-				
68.02		**Worked monumental or building stone (except slate) and articles thereof, other than goods of heading No. 68.01; mosaic cubes and the like, of natural stone (including slate), whether or not on a backing; artificially coloured granules, chippings and powder, of natural stone (including slate).**					
6802.10		-Tiles, cubes and similar articles, whether or not rectangular (including square), the largest surface area of which is capable of being enclosed in a square the side of which is less than 7cm; artificially coloured granules, chippings and powder					
6802.10.10	00	---Artificially coloured roofing granules..............................	kg	Free	Free	25%	Free
6802.10.90	00	---Other..............................	-	12.5%	12.5%	30%	8%
		-Other monumental or building stone and articles thereof, simply cut or sawn, with a flat or even surface:					
6802.21.00	00	--Marble, travertine and alabaster......	-	5.7%	5.7%	35%	3.5%
6802.22.00	00	--Other calcareous stone................	-	7.5%	8%	15%	5%
6802.23.00	00	--Granite...............................	-	Free	5.5%	35%	Free
6802.29.00	00	--Other stone...........................	-	7.5%	8%	15%	5%
		-Other:					
6802.91.00		--Marble, travertine and alabaster......		9%	9%	40%	Free
	10	-----*Baths, basins or sinks............*	-				
	90	-----*Other.............................*	-				
6802.92.00		--Other calcareous stone................		11.5%	11.5%	35%	7.5%
	10	-----*Worked monumental or building stone*	-				
	90	-----*Other.............................*	-				
6802.93.00		--Granite...............................		10.2%	10.2%	40%	6.5%
	10	-----*Worked monumental or building stone*	-				
	90	-----*Other.............................*	-				
6802.99.00		--Other stone...........................		10.2%	10.2%	30%	6.5%
	10	-----*Worked monumental or building stone*	-				
	90	-----*Other.............................*	-				
68.03							
6803.00		**Worked slate and articles of slate or of agglomerated slate.**					
6803.00.10	00	---Roofing slate........................	m²	Free	Free	8¢/m²	Free
6803.00.90	00	---Other................................	-	10.2%	10.2%	30%	6.5%
68.04		**Millstones, grindstones, grinding wheels and the like, without frameworks, for grinding, sharpening, polishing, trueing or cutting, hand sharpening or polishing stones, and parts thereof, of natural stone, of agglomerated natural or artificial abrasives, or of ceramics, with or without parts of other materials.**					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
6804.10.00	00	-Millstones and grindstones for milling, grinding or pulping	-	10.2%	10.2%	25%	Free
		-Other millstones, grindstones, grinding wheels and the like:					
6804.21.00	00	--Of agglomerated synthetic or natural diamond	-	10.2%	10.2%	30%	6.5%
6804.22.00	00	--Of other agglomerated abrasives or of ceramics	-	10.2%	10.2%	30%	6.5%
6804.23.00	00	--Of natural stone	-	10.2%	10.2%	25%	Free
6804.30.00	00	-Hand sharpening or polishing stones	-	10.2%	10.2%	30%	6.5%
68.05		**Natural or artificial abrasive powder or grain, on a base of textile material, of paper, of paperboard or of other materials, whether or not cut to shape or sewn or otherwise made up.**					
6805.10.00	00	-On a base of woven textile fabric only.	-	10.2%	10.2%	30%	6.5%
6805.20.00		-On a base of paper or paperboard only		10.2%	10.2%	30%	6.5%
	10	-----*Sand sheets of a kind used as pet supplies*	-				
	20	-----*Emery boards*	-				
	90	-----*Other*	-				
6805.30.00	00	-On a base of other materials	-	10%	10.2%	30%	6.5%
68.06		**Slag wool, rock wool and similar mineral wools; exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials; mixtures and articles of heat-insulating, sound-insulating or sound-absorbing mineral materials, other than those of heading No. 68.11 or 68.12 or of Chapter 69.**					
6806.10.00	00	-Slag wool, rock wool and similar mineral wools, (including intermixtures thereof), in bulk, sheets or rolls	kg	Free	11.3%	25%	Free
6806.20.00		-Exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials (including intermixtures thereof)		10.2%	10.2%	25%	6.5%
	10	-----*Exfoliated (expanded) vermiculite*	kg				
	20	-----*Expanded perlite*	kg				
	90	-----*Other*	kg				
6806.90.00	00	-Other	kg	9.1%	9.1%	30%	6%
68.07		**Articles of asphalt or of similar material (for example, petroleum bitumen or coal tar pitch).**					
6807.10.00		-In rolls		10.2%	10.2%	25%	6.5%
	10	-----*Composed in part of vegetable fibres or felt*	-				
	90	-----*Other*	-				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
6807.90.00		-Other		10.2%	10.2%	25%	6.5%
	10	-----*Asphalt shingles*	kg				
	20	-----*Asphalt insulating boards*	kg				
	30	-----*Other asphalt rigid building boards*	kg				
	40	-----*Asphalt floor and wall tiles*	m^2				
	90	-----*Other*	-				
68.08							
6808.00.00		**Panels, boards, tiles, blocks and similar articles of vegetable fibre, of straw or of shavings, chips, particles, sawdust or other waste, of wood, agglomerated with cement, plaster or other mineral binders**		9.2%	9.2%	35%	Free
	10	-----*Ceiling tiles not exceeding 61cm by 122cm*	m^2				
	20	-----*Ceiling panels exceeding 61cm by 122cm*	m^2				
	90	-----*Other*	m^2				
68.09		**Articles of plaster or of compositions based on plaster.**					
		-Boards, sheets, panels, tiles and similar articles, not ornamented:					
6809.11.00		--Faced or reinforced with paper or paperboard only		9.2%	9.2%	35%	Free
	10	-----*Gypsum lath*	m^2				
	20	-----*Gypsum wallboard*	m^2				
	90	-----*Other*	-				
6809.19.00	00	--Other	-	10.2%	10.2%	25%	6%
6809.90		-Other articles					
6809.90.10	00	---Models or casts of the type used in the manufacture of dental prostheses	-	Free	Free	25%	Free
6809.90.90	00	---Other	-	10.2%	10.2%	30%	6.5%
68.10		**Articles of cement, of concrete or of artificial stone, whether or not reinforced.**					
		-Tiles, flagstones, bricks and similar articles:					
6810.11.00		--Building blocks and bricks		5%	5%	22.5%	Free
	10	-----*Concrete bricks*	-				
	90	-----*Other*	-				
6810.19.00	00	--Other	-	8%	8%	22.5%	Free
6810.20.00	00	-Pipes	-	9.8%	9.8%	30%	6.5%
		-Other articles:					
6810.91		--Prefabricated structural components for building or civil engineering					
6810.91.10	00	---For silos	-	6.8%	6.8%	22.5%	6.8%
6810.91.90	00	---Other	-	8%	8%	22.5%	Free
6810.99.00		--Other		8%	8%	22.5%	Free
	10	-----*Burial vaults*	-				
	90	-----*Other*	-				
68.11		**Articles of asbestos-cement, of cellulose fibre-cement or the like.**					
6811.10.00	00	-Corrugated sheets	-	8%	8%	25%	5%
6811.20.00	00	-Other sheets, panels, tiles and similar articles	-	8%	8%	25%	5%

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
6811.30.00		-Tubes, pipes and tube or pipe fittings		8%	8%	25%	5%
	10	-----*Tubes or pipes*	-				
	20	-----*Tube or pipe fittings*	-				
6811.90.00		-Other articles		8%	8%	25%	5%
	10	-----*For building purposes*	-				
	90	-----*Other*	-				
68.12		**Fabricated asbestos fibres; mixtures with a basis of asbestos or with a basis of asbestos and magnesium carbonate; articles of such mixtures or of asbestos (for example, thread, woven fabric, clothing, headgear, footwear, gaskets), whether or not reinforced, other than goods of heading No. 68.11 or 68.13.**					
6812.10.00		-Fabricated asbestos fibres; mixtures with a basis of asbestos or with a basis of asbestos and magnesium carbonate		8%	8%	25%	5%
	10	-----*Moulded asbestos insulation*	-				
	90	-----*Other*	-				
6812.20.00	00	-Yarn and thread	kg	12.5%	12.5%	35%	-
6812.30.00	00	-Cords and string, whether or not plaited	-	12.5%	12.5%	35%	-
6812.40.00		-Woven or knitted fabric		22.5%	25%	55%	-
	10	-----*Woven sheets*	kg				
	90	-----*Other*	kg				
6812.50.00		-Clothing, clothing accessories, footwear and headgear		20%	25%	55%	-
	10	-----*Heat resistant fire-fighting suits*	-				
	90	-----*Other*	-				
6812.60.00		-Paper, millboard and felt		8%	8%	25%	5%
	10	-----*Felted sheets*	kg				
	90	-----*Other*	-				
6812.70.00		-Compressed asbestos fibre jointing, in sheets or rolls		8%	8%	25%	5%
	10	-----*Gasket material*	kg				
	90	-----*Other*	kg				
6812.90		-Other					
6812.90.10	00	---Belting	-	7.5%	17.5%	27.5%	7.5%
6812.90.90		---Other		8%	8%	25%	5%
	10	-----*Building materials*	-				
	20	-----*Gaskets*	-				
	90	-----*Other*	-				
68.13		**Friction material and articles thereof (for example, sheets, rolls, strips, segments, discs, washers, pads), not mounted, for brakes, for clutches or the like, with a basis of asbestos, of other mineral substances or of cellulose, whether or not combined with textile or other materials.**					
6813.10		-Brake linings and pads					

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
6813.10.10		---For motor vehicles of heading No. 87.02, 87.03, 87.04 or 87.05		11.3%	11.3%	35%	7.5%
	10	-----*Moulded*	-				
	20	-----*Woven*	-				
	90	-----*Other*	-				
6813.10.90		---Other		8%	8%	25%	5%
	10	-----*Moulded*	-				
	20	-----*Woven*	-				
	90	-----*Other*	-				
6813.90		-Other					
6813.90.10	00	---Clutch facings for motor vehicles of heading No. 87.02, 87.03, 87.04 or 87.05	-	11.3%	11.3%	35%	7.5%
6813.90.90	00	---Other	-	2.5%	9.2%	35%	2.5%
68.14		**Worked mica and articles of mica, including agglomerated or reconstituted mica, whether or not on a support of paper, paperboard or other materials.**					
6814.10.00	00	-Plates, sheets and strips of agglomerated or reconstituted mica, whether or not on a support	kg	10.2%	10.2%	25%	6.5%
6814.90.00		-Other		10.2%	10.2%	25%	6.5%
	10	-----*Mica blocks, films or sheets*	kg				
	90	-----*Other*	-				
68.15		**Articles of stone or of other mineral substances (including articles of peat), not elsewhere specified or included.**					
6815.10		-Non-electrical articles of graphite or other carbon					
6815.10.10	00	---Graphite blocks exceeding 1 metre in diameter and 38 centimetres in thickness for making moulds for casting wheels for railway vehicles	-	Free	5%	25%	Free
6815.10.90	00	---Other	-	9.2%	9.2%	25%	6%
6815.20.00		-Articles of peat		6.8%	6.8%	25%	4.5%
	10	-----*Plant pots*	-				
	90	-----*Other*	-				
		-Other articles:					
6815.91.00	00	--Containing magnesite, dolomite or chromite	-	10.2%	10.2%	25%	6.5%
6815.99		--Other					
6815.99.10	00	---Models or casts for dental prostheses	-	Free	Free	25%	Free
6815.99.20	00	---Foundry facings	-	9.2%	9.2%	25%	6%
6815.99.30	00	---Signs	-	10%	11.3%	30%	7.5%
6815.99.40	00	---Cast articles of basalt	-	Free	5%	35%	Free
		---Other articles:					
6815.99.91		----Of clay or cement		8%	8%	25%	Free
	10	-----*Of clay*	-				
	20	-----*Of cement*	-				
6815.99.99	00	----Other	-	10.2%	10.2%	25%	6.5%

CHAPTER 69

Ceramic Products

A. Introduction

Thirty-nine items in the Customs Tariff were, in whole or in part, allocated to proposed Chapter 69. They are listed below:

	Rigid refractories (firebrick) of any shape, size or composition:
*28100-1	Other than the following
*28101-1	Products ... not less than 85% by weight of carbon or graphite
*28116-1	Ceramic refractory fibres and manufactures thereof ...
28200-1	Building brick and paving brick
*28206-1	Ceramic matrices ... (in manufacturing thermal energy recuperators)
*28210-1	Saggars, hillers, bats ... for the manufacture of ceramic products
*28300-1	Drain tiles, not glazed
28400-1	Drain pipes ... chimney linings ... glazed or unglazed, n.o.p.
*28405-1	Earthenware tiles, for roofing purposes
*28415-1	Earthenware and other clay tiles, n.o.p.
28500-1	Tiles or blocks of earthenware ... for mosaic flooring
*28600-1	Earthenware and stoneware, viz:- demijohns, churns or crocks, n.o.p.
*28700-1	All tableware of china, porcelain...but not to include...earthenware
*28705-1	Articles of chinaware when imported by manufacturers of silverware ...
*28710-1	Undecorated tableware of china, porcelain...(for decorated tableware)
*28715-1	Undecorated tableware of china...(for decorated heavy duty tableware)
28800-1	Stoneware and Rockingham ware and earthenware n.o.p.
*28805-1	Chemical stoneware ... compounded ... to resist acids
*28810-1	Hand forms of porcelain for use in the manufacture of rubber gloves
28900-1	Baths, bathtubs ... of earthenware, stone, cement ... n.o.p.
*28900-2	Toilet bowls and tanks and combinations thereof of china
*30000-1	Crucibles, n.o.p., and covers therefor
31400-1	Plumbago, ground, and manufactures of, n.o.p. ...
*37100-1	Spurs and stilts, adapted for use in the manufacture of earthenware
	Apparatus, and parts ... for cooking or heating buildings ...:
44300-3	Parts, other than heating elements, of electric stoves or ranges
46500-1	Signs ... letters and numerals of any material other than paper
49203-1	Ceramic discs for ... carrier assemblies for multi-orifice valves
51000-1	Churns, n.o.p., brooms, whisks, washboards, pounders and rolling pins
62300-1	Musical instrument cases, fancy cases ... parts of the foregoing
62400-1	Bead ornaments, and ornaments of alabaster ... statues ... n.o.p.
*62430-1	Statues and statuettes of porcelain or earthenware
65615-1	Cases for cigar or cigarette holders ...
69105-1	Communion sets; rosaries...religious figures...parts of the foregoing
*69203-1	Medals, trophy cups and other articles...bestowed or awarded...won...
69605-1	Apparatus ... not made ... (for use in teaching, art galleries)

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* Indicates that goods under the present tariff item are classified only to this Chapter.

Coverings ... used in covering or holding goods ...:
71001-1 Usual coverings, (for) ... free goods only ... specific duty (goods)
71002-1 Usual coverings ... subject to any ad valorem rate of duty ...
84900-1 Goods which enter into the cost of manufacture of fertilizers ...
87500-1 Handicraft goods ... handiwork of individual craftsmen

B. The Board's Analysis and Recommendations

Representations were made to the Board respecting this Chapter in briefs submitted by The Refractories Association of Canada (TRAC), by American Standard and by Olympia Floor and Wall Tile Company (Olympia). TRAC recommended restructuring part of Chapter 69. The American Standard brief was concerned with the reinstatement of a GPT rate. Olympia argued that the conversion process may prejudice their position pending the outcome of a Tariff Board Appeal.

The Refractories Association of Canada requested that "plastic fire bricks" of Chapter 69 be distinguished from "refractory cements" of Chapter 38. TRAC suggested that "plastic fire bricks" be dropped from Chapter 69 and that the product be placed under Chapter 38. This request was put forward as a result of confusion between "refractory cements" in Chapter 38 and "plastic firebrick" in Chapter 69. The Board recommends that the term "plastic firebrick" provided for in 6902.90.90.30 be dropped from Chapter 69 and placed in Chapter 38 (38.16).

American Standard requested that the GPT rate, of 7.5 p.c., for vitreous china bowls and tanks and combinations thereof, entering under item 28900-2, be applied to the draft Schedule for 6910.90.00.31, 6910.90.00.32 and 6910.90.00.33. As the GP Tariff is outside the scope of Reference 163, the Board brings that request to the Minister's attention.

The brief by Olympia pertains to vitreous and semivitreous ceramic tiles concorded to subheading Nos. 69.07 and 69.08, both of which attract an MFN rate of 12.5%.

Historically, the ceramic tiles in question were classified to item 28415-1 which, until recently, read:

Earthenware tiles, n.o.p.	12.5 p.c.

Following decisions of the Tariff Board and the Federal Court of Appeal, the tiles were held to be properly classified within tariff item 28205-1 which reads:

Manufactures of clay or cement, n.o.p.	8 p.c.

However, item 28415-1 was amended in 1985 to read:

Earthenware and other clay tiles, n.o.p.	12.5 p.c.

As a result, the Department of National Revenue, Customs and Excise, has been classifying vitreous and semivitreous tiles under tariff item 28415-1 as amended, and the allocation of this current item to heading Nos. 69.07 and 69.08 has not resulted in a change in the rate of duty, i.e., 12.5%.

The question of classification of vitreous and semivitreous tile is once again to be the subject of an appeal to the Tariff Board (Appeal No. 2548) to be heard in January 1987. However, as current practice does not result in rate changes arising from the conversion process, no action is required at this time.

Consequent to the Board's recommendations under Reference 159 the MFN rate for tariff item 28900-1, which covers such articles as baths, basins, lavatories and sinks, was revised from 11.3 p.c. to 11.4 p.c. This recent change is not reflected in the draft Schedule respecting heading No. 69.10. The MFN rate shown for tariff lines 6910.10.00 and 6910.90.00 should therefore be adjusted upward, from 11.3% to 11.4%, as shown in Table 69.2.

A similar change is necessary for 6912.00.00.92, "Portable wash basins", as these goods also enter at present under tariff item 28900-1 at the revised MFN rate of 11.4 p.c. The recommendation made is shown below.

Delete the rates of duty under 6912.00.00 and add the following:

			MFN Rate
6912.00.10.00	---Portable wash basins	-	11.4%
6912.00.90.	---Other		11.3%

The Board recommends a number of nomenclature changes for this Chapter as listed in Table 69.1. Aside from the minor adjustments resulting from Reference 159, it makes no recommendations respecting changes in rates of duty for Chapter 69.

Table 69.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
6902.10.00.10	-----Contenant en poids plus de 50 % de chrome	1
6902.10.00.20	-----Contenant en poids plus de 50 % de magnésite fondue	1
6902.10.00.30	Renumber 6902.10.00.90 -----Other Autres	4
6902.20.00.10	-----Contenant en poids plus de 50 % d'alumine	1
6902.20.00.20	-----Contenant en poids plus de 50 % mais moins de 80 % de silice	1
6902.20.00.30	-----Contenant en poids 80 % ou plus de silice	1
6902.20.00.40	Renumber 6902.20.00.90 -----Other Autres	4
6902.90.10	-----Contenant en poids plus de 85 % de carbone ou de graphite	2
6902.90.90.30	Delete this class. Product belongs in heading No. 38.16	2
6902.90.90.90	Delete this class	4
6902.90.90.91	Renumber 6902.90.90.80 -----Other, containing by weight more than 50 % but less than 80 % of carbon or graphite Autres, contenant en poids plus de 50 % mais moins de 80 % de carbone ou de graphite	4
6902.90.90.99	Renumber 6902.90.90.90	4
6903.90	-Other refractory ceramic goods Autres articles céramiques réfractaires	3

TABLE 69.1 (CONT.)

HS Code	Description of Goods	Reason for Change
6903.90.90.10	----Articles réfractaires pour serres	2
6904.10.00.22	Delete this class. Overlap with 6904.10.00.21	2
6908.90.00.91	-----Carreaux de carrières	2
6910.10.00.11	Delete this class	5
6910.10.00.19	Delete this class	5
6910.10.00.90	----Other sanitary fixtures Autres appareils fixes pour usages sanitaires	3
6910.90.00	-Other ceramics Autres céramiques	3
6910.90.00.10	Delete from 6910.90.00.10 to 6910.90.00.90 and replace with the following 16 entries	5
6910.90.00.10	----Sinks Eviers	
6910.90.00.20	----Wash basins Lavabos	
6910.90.00.21	-----Pedestal type Genre piédestal	
6910.90.00.29	-----Other wash basins Autres lavabos	
6910.90.00.30	----Baths Baignoires	
6910.90.00.31	-----For hospitals Pour hôpitaux	
6910.90.00.39	-----Other baths Autres baignoires	
6910.90.00.40	----Water closet bowls and tanks; urinals and tanks therefor Cuvettes d'aisance et réservoirs de chasse; urinoirs et réservoirs de chasse pour urinoirs	
6910.90.00.41	-----Bowls Cuvettes	
6910.90.00.42	-----Tanks Réservoirs	

TABLE 69.1 (CONT.)

HS Code	Description of Goods	Reason for Change
6910.90.00.43	------Bowl and tank combinations . . . . Ensembles de cuvette et réservoir	
6910.90.00.44	------Urinals and tanks therefor . . . . Urinoirs et réservoirs de chasse pour urinoirs	
6910.90.00.50	-----Toilets, self-contained, for example, chemical type and incinerating type . . . . Toilettes autonomes, par exemple, toilettes chimiques et toilettes à incinérateur	
6910.90.00.60	-----Bidets . . . . Bidets	
6910.90.00.70	-----Drinking fountains, non-refrigerated . . . Fontaines, non-réfrigérées	
6910.90.00.90	-----Other . . . . Autres	
6911.10.00.40	-----Other articles for the preparation or storage of food . . . . Autres articles pour la préparation ou la conservation des aliments	3
6911.90.00	-Other household articles and toilet articles . . . . Autres articles de ménage ou d'économie domestique et articles d'hygiène ou de toilette	3
6912.00.00.10	Renumber 6912.00.90.10	6
6912.00.00.11	Renumber 6912.00.90.11	6
6912.00.00.12	Renumber 6912.00.90.12	6
6912.00.00.13	Renumber 6912.00.90.13	6
6912.00.00.19	Renumber 6912.00.90.19	6
6912.00.00.20	Renumber 6912.00.90.20	6
6912.00.00.21	Renumber 6912.00.90.21	6
6912.00.00.22	Renumber 6912.00.90.22 ------Crocks, jugs and other refrigeration containers for storing food	1&6
6912.00.00.23	Renumber 6912.00.90.23	6

TABLE 69.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
6912.00.00.24	Renumber 6912.00.90.24	6
6912.00.00.25	Renumber 6912.00.90.25	6
6912.00.00.29	Renumber 6912.00.90.29	6
6912.00.00.30	Renumber 6912.00.90.30	6
6912.00.00.31	Renumber 6912.00.90.31	6
6912.00.00.32	Renumber 6912.00.90.32	6
6912.00.00.33	Renumber 6912.00.90.33	6
6912.00.00.39	Renumber 6912.00.90.39	6
6912.00.00.90	Renumber 6912.00.90.90	6
6912.00.00.91	Renumber 6912.00.90.91	6
6912.00.00.93	Renumber 6912.00.90.92	6
6912.00.00.94	Renumber 6912.00.90.93	6
6912.00.00.95	Renumber 6912.00.90.94	6
6912.00.00.96	Renumber 6912.00.90.95	6
6912.00.00.99	Renumber 6912.00.90.99	6
6913.10.90	---Other ornamental articles . . . . Autres objets d'ornementation	3
6913.90.10.00	---Statues, statuettes, médailles, croix et plaques, de nature religieuse	1
6913.90.90	---Other ornamental articles . . . . Autres objets d'ornementation	3

Chapter 69

CERAMIC PRODUCTS

Legal Notes.

1. This Chapter applies only to ceramic products which have been fired after shaping. Heading Nos. 69.04 to 69.14 apply only to such products other than those classifiable in heading Nos. 69.01 to 69.03.

2. This Chapter does not cover:

   (a) Products of heading No. 28.44;

   (b) Articles of Chapter 71 (for example, imitation jewellery);

   (c) Cermets of heading No. 81.13;

   (d) Articles of Chapter 82;

   (e) Electrical insulators (heading No. 85.46) or fittings of insulating material of heading No. 85.47;

   (f) Artificial teeth (heading No. 90.21);

   (g) Articles of Chapter 91 (for example, clocks and clock cases);

   (h) Articles of Chapter 94 (for example, furniture, lamps and lighting fittings, pre-fabricated buildings);

   (ij) Articles of Chapter 95 (for example, toys, games and sports requisites);

   (k) Articles of heading No. 96.06 (for example, buttons) or of heading No. 96.14 (for example, smoking pipes); or

   (l) Articles of Chapter 97 (for example, works of art).

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	SUB-CHAPTER I - GOODS OF SILICEOUS FOSSIL MEALS OR OF SIMILAR SILICEOUS EARTHS, AND REFRACTORY GOODS						
69.01 6901.00.00.	**Bricks, blocks, tiles and other ceramic goods of siliceous fossil meals (for example, kieselguhr, tripolite or diatomite) or of similar siliceous earths . . . .**		Free	Free	15%	Free	
10	-----Bricks	tonne					
90	-----Other	tonne					
69.02	**Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods, other than those of siliceous fossil meals or similar siliceous earths.**						
6902.10.00.	-Containing by weight, singly or together, more than 50 % of the elements Mg, Ca or Cr, expressed as MgO, CaO, or Cr_2O_3		Free	Free	15%	Free	
10	-----Containing by weight more than 50 % of chrome	tonne					
20	-----Containing by weight more than 50 % of fused magnesite	tonne					
90	-----Other	tonne					*
6902.20.00.	-Containing by weight more than 50 % of alumina (Al_2O_3), of silica (SiO_2) or of a mixture or compound of these products . . .		Free	Free	15%	Free	
10	-----Containing by weight more than 50 % of alumina	tonne					
20	-----Containing by weight more than 50 % but less than 80 % of silica	tonne					
30	-----Containing by weight 80 % or more of silica	tonne					
90	-----Other	tonne					*
6902.90	-Other						
6902.90.10.	---Containing by weight 85 % or more of carbon or graphite		5%	6.8%	22.5%	4.5%	
10	-----Stopper head firebrick	tonne					
90	-----Other	tonne					

TABLE 69.2 (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 69-4

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
6902.90.90.	---Other		Free	Free	15%	Free	
10	-----Stopper head firebrick	tonne					
20	-----Acid proof bricks	tonne					
80	-----Other, containing by weight more than 50 % but less than 80 % of carbon or graphite	tonne					*
90	-----Other	tonne					*
69.03	**Other refractory ceramic goods (for example, retorts, crucibles, muffles, nozzles, plugs, supports, cupels, tubes, pipes, sheaths and rods), other than those of siliceous fossil meals or of similar siliceous earths.**						
6903.10	-Containing by weight more than 50 % of graphite or other forms of carbon or of a mixture of these products						
6903.10.10.00	---Crucibles and covers therefor	-	Free	6.8%	15%	Free	
6903.10.90.00	---Other	-	9.2%	9.2%	25%	6%	
6903.20	-Containing by weight more than 50 % of alumina (Al_2O_3) or of a mixture or compound of alumina and of silica (SiO_2)						
6903.20.10.00	---Supports, namely: saggers, hillers, bats and plate setters	-	Free	Free	Free	Free	
6903.20.20.00	---Crucibles and covers therefor	-	Free	6.8%	15%	Free	
6903.20.90.	---Other		11.3%	11.3%	35%	7.5%	
10	-----Cupels	-					
90	-----Other	-					
6903.90	-Other refractory ceramic goods						*
6903.90.10.00	---Supports, namely: saggers, hillers, bats and plate setters	-	Free	Free	Free	Free	
6903.90.20.00	---Crucibles and covers therefor	-	Free	6.8%	15%	Free	
6903.90.90.	---Other		11.3%	11.3%	35%	7.5%	
10	-----Glasshouse refractories	-					
20	-----Cupels	-					
90	-----Other	-					

TABLE 69.2 (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs			
			BP	MFN	Gen	GP
	SUB-CHAPTER II - OTHER CERAMIC PRODUCTS					
69.04	**Ceramic building bricks, flooring blocks, support or filler tiles and the like.**					
6904.10.00.	-Building bricks		5%	5%	22.5%	Free
	-----Glazed					
11	------Hollow	M				
19	------Other	M				
	-----Unglazed					
21	------Hollow	M				
29	------Other	M				
6904.90	-Other					
6904.90.10.00	---Flooring blocks	-	5%	5%	22.5%	Free
6904.90.20.	---Support or filler tiles and the like . .		12.5%	12.5%	35%	8%
10	-----Filler tiles	-				
90	-----Other	-				
69.05	**Roofing tiles, chimney-pots, cowls,chimney liners, architectural ornaments and other ceramic contructional goods.**					
6905.10.00.00	-Roofing tiles	-	Free	10.2%	35%	Free
6905.90.00.00	-Other	-	11.3%	11.3%	35%	7.5%
69.06 **6906.00.00.00**	**Ceramic pipes, conduits, guttering and pipe fittings**	-	11.3%	11.3%	35%	7.5%
69.07	**Unglazed ceramic flags and paving, hearth or wall tiles; unglazed ceramic mosaic cubes and the like, whether or not on a backing.**					
6907.10.00.00	-Tiles, cubes and similar articles, whether or not rectangular, the largest surface area of which is capable of being enclosed in a square the side of which is less than 7 cm	m^2	12.5%	12.5%	35%	8%

TABLE 69.2 (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 69-6

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	Tariffs MFN	Tariffs Gen	Tariffs GP
6907.90.00.	-Other		12.5%	12.5%	35%	8%
10	-----Unfinished tiles	m^2				
	-----Other					
91	------Quarry tiles	m^2				
92	------Paving tiles	m^2				
93	------Hearth tiles	m^2				
99	------Other	m^2				
69.08	**Glazed ceramic flags and paving, hearth or wall tiles; glazed ceramic mosaic cubes and the like, whether or not on a backing.**					
6908.10.00.00	-Tiles, cubes and similar articles, whether or not rectangular, the largest surface area of which is capable of being enclosed in a square the side of which is less than 7 cm	m^2	12.5%	12.5%	35%	8%
6908.90.00.	-Other		12.5%	12.5%	35%	8%
10	-----Unfinished tiles	m^2				
	-----Other					
91	------Quarry tiles	m^2				
92	------Paving tiles	m^2				
93	------Hearth tiles	m^2				
99	------Other	m^2				
69.09	**Ceramic wares for laboratory, chemical or other technical uses; ceramic troughs, tubs and similar receptacles of a kind used in agriculture; ceramic pots, jars and similar articles of a kind used for the conveyance or packing of goods.**					
	-Ceramic wares for laboratory, chemical or other technical uses					
6909.11.00.00	--Of porcelain or china	-	Free	6.8%	15%	Free
6909.19.00.00	--Other	-	Free	6.8%	15%	Free
6909.90.00.	-Other		11.3%	11.3%	35%	7.5%
10	-----Demijohns	-				
90	-----Other	-				

TABLE 69.2 (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
69.10	**Ceramic sinks, wash basins, wash basin pedestals, baths, bidets, water closet pans, flushing cisterns, urinals and similar sanitary fixtures.**						
6910.10.00.	-Of porcelain or china		11.4%	11.4%	35%	Free	*
10	-----Wash basins	-					*
90	-----Other sanitary fixtures	-					*
6910.90.00.	-Other ceramics		11.4%	11.4%	35%	Free	*
10	-----Sinks	No.					*
	-----Wash basins						*
21	------Pedestal type	No.					*
29	------Other wash basins	No.					*
	-----Baths						*
31	------For hospitals	No.					*
39	------Other baths	No.					*
	-----Water closet bowls and tanks; urinals and tanks therefor						*
41	------Bowls	No.					*
42	------Tanks	No.					*
43	------Bowl and tank combinations	No.					*
44	------Urinals and tanks therefor	No.					*
50	-----Toilets, self-contained, for example, chemical type and incinerating type	No.					*
60	-----Bidets	No.					*
70	-----Drinking fountains, non-refrigerated	No.					*
90	-----Other	No.					*
69.11	**Tableware, kitchenware, other household articles and toilet articles, of porcelain or china.**						
6911.10.00.	-Tableware and kitchenware		11.3%	11.3%	35%	7.5%	
10	-----Teapots	-					
20	-----Canisters, cookie jars and sets	-					
30	-----Bowls	-					
40	-----Other articles for the preparation or storage of food	-					*
50	-----Other bone china tableware	-					
90	-----Other	-					
6911.90.00.	-Other household articles and toilet articles		11.3%	11.3%	35%	7.5%	*
10	-----Vases	-					
90	-----Other	-					

TABLE 69.2 (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 69-8

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
69.12	**Ceramic tableware, kitchenware, other household articles and toilet articles, other than of porcelain or china.**						*
6912.00.10.00	---Portable wash basins	-	11,4%	11,4%	35%	Free	*
6912.00.90.	---Other		11.3%	11.3%	35%	7.5%	*
	-----Tableware						*
11	------Earthenware teapots	-					*
12	------Other teapots	-					*
13	------Other semi-porcelain tableware	-					*
19	------Other	-					*
	-----Kitchenware						*
21	------Canisters, cookie jars and sets . . .	-					*
22	------Crocks, jugs and other refrigeration containers for storing food	-					*
23	------Mixing bowls, including sets	-					*
24	------Cooking utensils	-					*
25	------Rolling pins	-					*
29	------Other	-					*
	-----Toilet articles						*
31	------Tumbler and toothbrush holders	-					*
32	------Soap dishes	-					*
33	------Towel bars	-					*
39	------Other	-					*
	-----Other household articles						*
91	------Ash trays	-					*
92	------Flower pots	-					*
93	------Bowls, other than tableware or mixing bowls	-					*
94	------Decorative planters	-					*
95	------Vases	-					*
99	------Other	-					*
69.13	**Statuettes and other ornamental ceramic articles.**						
6913.10	-Of porcelain or china						
6913.10.10.00	---Statues, statuettes, medals, crosses and plaques, of a religious nature	-	Free	Free	Free	Free	
6913.10.90.	---Other ornamental articles		10.6%	10.6%	30%	7%	*
10	-----Wall ornaments	-					
20	-----Figurines and statuettes	-					
90	-----Other	-					

TABLE 69.2 (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
6913.90	-Other						
6913.90.10.00	---Statues, statuettes, medals, crosses and plaques, of a religious nature . . .	-	Free	Free	Free	Free	
6913.90.90.	---Other ornamental articles		10.6%	10.6%	30%	7%	*
10	-----Wall ornaments	-					
20	-----Figurines and statuettes	-					
90	-----Other	-					
69.14	**Other ceramic articles.**						
6914.10.00.00	-Of porcelain or china	-	11.3%	11.3%	35%	7.5%	
6914.90.00.00	-Other	-	11.3%	11.3%	35%	7.5%	

CHAPTER 69

APPENDIX

Chapter 69

CERAMIC PRODUCTS

Notes.

1. This Chapter applies only to ceramic products which have been fired after shaping. Heading Nos. 69.04 to 69.14 apply only to such products other than those classifiable in heading Nos. 69.01 to 69.03.

2. This Chapter does not cover:

   (a) Products of heading No. 28.44;

   (b) Articles of Chapter 71 (for example, imitation jewellery);

   (c) Cermets of heading No. 81.13;

   (d) Articles of Chapter 82;

   (e) Electrical insulators (heading No. 85.46) or fittings of insulating material of heading No. 85.47;

   (f) Artificial teeth (heading No. 90.21);

   (g) Articles of Chapter 91 (for example, clocks and clock cases);

   (h) Articles of Chapter 94 (for example, furniture, lamps and lighting fittings, prefabricated buildings);

   (ij) Articles of Chapter 95 (for example, toys, games and sports requisites);

   (k) Articles of heading No. 96.06 (for example, buttons) or of heading No. 96.14 (for example, smoking pipes); or

   (l) Articles of Chapter 97 (for example, works of art).

Supplementary Note.

1. For the purpose of this Chapter, the following sub-Chapters apply:

   I. - GOODS OF SILICEOUS FOSSIL MEALS OR OF SIMILAR SILICEOUS EARTHS, AND REFRACTORY GOODS
   (heading Nos. 69.01 to 69.03)

   II. - OTHER CERAMIC PRODUCTS
   (heading Nos. 69.04 to 69.14)

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
69.01							
6901.00.00		**Bricks, blocks, tiles and other ceramic goods of siliceous fossil meals (for example, kieselguhr, tripolite or diatomite) or of similar siliceous earths**		Free	Free	15%	Free
	10	-----*Bricks*	tonne				
	90	-----*Other*	tonne				
69.02		**Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods, other than those of siliceous fossil meals or similar siliceous earths.**					
6902.10.00		-Containing by weight, singly or together, more than 50% of the elements Mg, Ca or Cr, expressed as MgO, CaO or Cr_2O_3		Free	Free	15%	Free
	10	-----*Containing by weight more than 50% of chrome*	tonne				
	20	-----*Containing by weight more than 50% of fused magnesite*	tonne				
	30	-----*Containing by weight more than 50% of calcium; containing by weight more than 50% of a mixture or compound of chrome, fused magnesite or calcium*	tonne				
6902.20.00		-Containing by weight more than 50% of alumina (Al_2O_3), of silica (SiO_2) or of a mixture or compound of these products		Free	Free	15%	Free
	10	-----*Containing by weight more than 50% of alumina*	tonne				
	20	-----*Containing by weight more than 50% but less than 80% of silica*	tonne				
	30	-----*Containing by weight 80% or more of silica*	tonne				
	40	-----*Containing by weight more than 50% of a mixture or compound of alumina and silica*	tonne				
6902.90		-Other					
6902.90.10		---Containing by weight 85% or more of carbon or graphite		5%	6.8%	22.5%	4.5%
	10	-----*Stopper head fire bricks*	tonne				
	90	-----*Other*	tonne				
6902.90.90		---Other		Free	Free	15%	Free
	10	-----*Stopper head fire bricks*	tonne				
	20	-----*Acid proof bricks*	tonne				
	30	-----*Plastic fire bricks*	tonne				
		-----*Other:*					
	91	------*Containing by weight more than 50% but less than 85% of carbon or graphite*	tonne				
	99	------*Other*	tonne				
69.03		**Other refractory ceramic goods (for example, retorts, crucibles, muffles, nozzles, plugs, supports, cupels, tubes, pipes, sheaths and rods), other than those of siliceous fossil meals or of similar siliceous earths.**					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
6903.10		-Containing by weight more than 50% of graphite or other forms of carbon or of a mixture of these products					
6903.10.10	00	---Crucibles and covers therefor	-	Free	6.8%	15%	Free
6903.10.90	00	---Other	-	9.2%	9.2%	25%	6%
6903.20		-Containing by weight more than 50% of alumina (Al_2O_3) or of a mixture or compound of alumina and of silica (SiO_2)					
6903.20.10	00	---Supports namely: saggers, hillers, bats and plate setters	-	Free	Free	Free	Free
6903.20.20	00	---Crucibles and covers therefor	-	Free	6.8%	15%	Free
6903.20.90		---Other		11.3%	11.3%	35%	7.5%
	10	-----*Cupels*	-				
	90	-----*Other*	-				
6903.90		-Other					
6903.90.10	00	---Supports namely: saggers, hillers, bats and plate setters	-	Free	Free	Free	Free
6903.90.20	00	---Crucibles and covers therefor	-	Free	6.8%	15%	Free
6903.90.90		---Other		11.3%	11.3%	35%	7.5%
	10	-----*Glasshouse refractories*	-				
	20	-----*Cupels*	-				
	90	-----*Other*	-				
69.04		**Ceramic building bricks, flooring blocks, support or filler tiles and the like.**					
6904.10.00		-Building bricks		5%	5%	22.5%	Free
		-----*Glazed:*					
	11	------*Hollow*	M				
	19	------*Other*	M				
		-----*Unglazed:*					
	21	------*Hollow*	M				
	22	------*Floor*	M				
	29	------*Other*	M				
6904.90		-Other					
6904.90.10	00	---Flooring blocks	-	5%	5%	22.5%	Free
6904.90.20		---Support or filler tiles and the like.		12.5%	12.5%	35%	8%
	10	-----*Filler tiles*	-				
	90	-----*Other*	-				
69.05		**Roofing tiles, chimney-pots, cowls, chimney liners, architectural ornaments and other ceramic constructional goods.**					
6905.10.00	00	-Roofing tiles	-	Free	10.2%	35%	Free
6905.90.00	00	-Other	-	11.3%	11.3%	35%	7.5%
69.06							
6906.00.00	00	**Ceramic pipes, conduits, guttering and pipe fittings**	-	11.3%	11.3%	35%	7.5%
69.07		**Unglazed ceramic flags and paving, hearth or wall tiles; unglazed ceramic mosaic cubes and the like, whether or not on a backing.**					

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
6907.10.00	00	-Tiles, cubes and similar articles, whether or not rectangular, the largest surface area of which is capable of being enclosed in a square the side of which is less than 7cm.....	m²	12.5%	12.5%	35%	8%
6907.90.00		-Other..................................		12.5%	12.5%	35%	8%
	10	-----*Unfinished tiles*..................	m²				
		-----*Other:*					
	91	------*Quarry tiles*.....................	m²				
	92	------*Paving tiles*.....................	m²				
	93	------*Hearth tiles*.....................	m²				
	99	------*Other*............................	m²				
69.08		**Glazed ceramic flags and paving, hearth or wall tiles; glazed ceramic mosaic cubes and the like, whether or not on a backing.**					
6908.10.00	00	-Tiles, cubes and similar articles, whether or not rectangular, the largest surface area of which is capable of being enclosed in a square the side of which is less than 7cm.....	m²	12.5%	12.5%	35%	8%
6908.90.00		-Other..................................		12.5%	12.5%	35%	8%
	10	-----*Unfinished tiles*..................	m²				
		-----*Other:*					
	91	------*Quarry tiles*.....................	m²				
	92	------*Paving tiles*.....................	m²				
	93	------*Hearth tiles*.....................	m²				
	99	------*Other*............................	m²				
69.09		**Ceramic wares for laboratory, chemical or other technical uses; ceramic troughs, tubs and similar receptacles of a kind used in agriculture; ceramic pots, jars and similar articles of a kind used for the conveyance or packing of goods.**					
		-Ceramic wares for laboratory, chemical or other technical uses:					
6909.11.00	00	--Of porcelain or china..................	-	Free	6.8%	15%	Free
6909.19.00	00	--Other..................................	-	Free	6.8%	15%	Free
6909.90.00		-Other...................................		11.3%	11.3%	35%	7.5%
	10	-----*Demijohns*.........................	-				
	90	-----*Other*.............................	-				
69.10		**Ceramic sinks, wash basins, wash basin pedestals, baths, bidets, water closet pans, flushing cisterns, urinals and similar sanitary fixtures.**					
6910.10.00		-Of porcelain or china...................		11.3%	11.3%	35%	Free
		-----*Wash basins:*					
	11	------*Of vitreous china*................	-				
	19	------*Other*............................	-				
	90	-----*Other*.............................	-				
6910.90.00		-Other...................................		11.3%	11.3%	35%	Free
		-----*Tubs:*					
	11	------*Laundry*..........................	No				
	12	------*Hospital*.........................	No				
	19	------*Other*............................	No				
		-----*Sinks:*					
	21	------*Mop*..............................	No				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
6910.90.00							
cont'd	22	------Service	No				
	23	------Dental	No				
	24	------Medical	No				
	25	------Laboratory	No				
	29	------Other	No				
		-----Toilet bowls, urinals and tanks:					
	31	------Toilet bowls	No				
	32	------Toilet tanks	No				
	33	------Toilet bowl-tank combinations	No				
	34	------Urinals	No				
	35	------Urinal tanks	No				
		-----Wash basins:					
	41	------Pedestal type	No				
	49	------Other	No				
	50	-----Wash fountains	No				
	60	-----Bidets	No				
	70	-----Non-refrigerated drinking fountains	No				
		-----Toilets:					
	81	------Chemical type	No				
	82	------Incinerating type	No				
	89	------Other	No				
	90	-----Other	-				
69.11		**Tableware, kitchenware, other household articles and toilet articles, of porcelain or china.**					
6911.10.00		-Tableware and kitchenware		11.3%	11.3%	35%	7.5%
	10	-----Teapots	-				
	20	-----Canisters, cookie jars and sets	-				
	30	-----Bowls	-				
	40	-----Other food preparation and storage utensils	-				
	50	-----Other bone china tableware	-				
	90	-----Other	-				
6911.90.00		-Other		11.3%	11.3%	35%	7.5%
	10	-----Vases	-				
	90	-----Other	-				

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
69.12							
6912.00.00		**Ceramic tableware, kitchenware, other household articles and toilet articles, other than of porcelain or china**		11.3%	11.3%	35%	7.5%
		-----*Tableware:*					
	11	------*Earthenware teapots*	-				
	12	------*Other teapots*	-				
	13	------*Other semi-porcelain tableware*	-				
	19	------*Other*	-				
		-----*Kitchenware:*					
	21	------*Canisters, cookie jars and sets*	-				
	22	------*Crocks, jugs and refrigeration dishes, of a kind used for storing food*	-				
	23	------*Mixing bowls, including sets*	-				
	24	------*Cooking utensils*	-				
	25	------*Rolling pins*	-				
	29	------*Other*	-				
		-----*Toilet articles:*					
	31	------*Tumbler and toothbrush holders*	-				
	32	------*Soap dishes*	-				
	33	------*Towel bars*	-				
	39	------*Other*	-				
		-----*Other household articles:*					
	91	------*Ash trays*	-				
	92	------*Portable wash basins*	-				
	93	------*Flower pots*	-				
	94	------*Bowls, other than tableware or mixing bowls*	-				
	95	------*Decorative planters*	-				
	96	------*Vases*	-				
	99	------*Other*	-				
69.13		**Statuettes and other ornamental ceramic articles.**					
6913.10		-Of porcelain or china					
6913.10.10	00	---Statues, statuettes, medals, crosses and plaques, of a religious nature	-	Free	Free	Free	Free
6913.10.90		---Other		10.6%	10.6%	30%	7%
	10	-----*Wall ornaments*	-				
	20	-----*Figurines and statuettes*	-				
	90	-----*Other*	-				
6913.90		-Other					
6913.90.10	00	---Statues, statuettes, medals, crosses and plaques, of a religious nature	-	Free	Free	Free	Free
6913.90.90		---Other		10.6%	10.6%	30%	7%
	10	-----*Wall ornaments*	-				
	20	-----*Figurines and statuettes*	-				
	90	-----*Other*	-				
69.14		**Other ceramic articles.**					
6914.10.00	00	-Of porcelain or china	-	11.3%	11.3%	35%	7.5%
6914.90.00	00	-Other	-	11.3%	11.3%	35%	7.5%

CHAPTER 70

Glass and Glassware

A. Introduction

Proposed Chapter 70 incorporates, in whole or in part, 110 items of the Customs Tariff, as listed below:

	Tarred paper and prepared roofing ...:
19200-1	Other than the following (see 19200-3 to 19200-7)
19200-2	Building papers and building paper felts ...
19200-5	Tiles and lay-in panels ... n.o.p.
20630-1	Containers...and accessories...for collection...of human blood...
31605-1	Incandescent lamp bulbs for ... incandescent lamps ...
*31615-1	Glass tubing ... for use in ... Canadian manufactures
*31616-1	Glass tubing ... not less than 60 cm ... for use in ... manufactures
*31700-1	Glass cut to size ... for photographic purposes ...
*31800-1	Sheet glass ... transparent ...
*31900-1	Plate glass, ground and polished ...
*31905-1	Plate glass ... for ... the manufacture ... of safety glass
*32000-1	Glass, rolled or cast ...
*32100-1	Sheet glass, plate glass, cast glass and rolled glass, n.o.p.
*32100-2	Float glass, n.o.p.
*32102-1	Architectural glass ... for ... reflective window units
*32105-1	Sheet filter glass for ... eye protectors for welding
	Laminated glass ...:
*32201-1	Not further processed than cut in rectangles
*32202-1	N.o.p.
*32300-1	Manufactures of laminated glass, n.o.p.
32305-1	Mirrors of glass, bevelled or not, and framed or not, n.o.p.
*32310-1	Stained or ornamental glass windows
32603-1	Demijohns or carboys, bottles, flasks ... n.o.p.
*32604-1	Decanters ... tumblers of glass, not ... decorated, n.o.p.
*32606-1	Glass tableware, n.o.p.
*32608-1	Lead crystal tableware ... n.o.p.
*32609-1	Opal glassware, n.o.p.
*32612-1	Cut glassware tableware and cut glassware, n.o.p.
32615-1	Manufactures of glass, n.o.p.
*32615-2	Glass beads ... otherwise ... under tariff item 32615-1
*32616-1	Glass beads for cleaning, peening or surface finishing
*32621-1	Blanks of uncoloured clear glass ... for lighting systems
*32624-1	Blanks ... for ... the manufacture ... of ... christmas tree ornament
*32627-1	Single or double ... shapes of glass ... for ... insulated containers
*32630-1	Glass plates ... for ... the manufacture of optical instruments
*32633-1	Glass shapes ... for ... the manufacture of optical instruments
32636-1	Plates, discs and blanks of germanium ... for ... optical instruments
32639-1	Beads, drops ... for ... the manufacture of synthetic pearls

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* Indicates that goods under the present tariff item are classified only to this Chapter.

*32642-1	Articles of glassware ... used ... with precious metals ...
32645-1	Moulded illuminating shades, ... for ... light fixtures ...
	High thermal shock resisting glassware ...:
*32648-1	Other than the following
*32649-1	Designed for laboratory use, ...: beakers, dishes ...
*32650-1	Designed for laboratory use, n.o.p.
*32651-1	Fresnel type lenses, sections and globes, of glass
*32654-1	Glass balls or marbles ... for ... glass fibres or glass yarn ...
*32657-1	High thermal shock resisting glass parts ...
*32660-1	Articles of glass ... for ... the manufacture of cut ... glassware
*32669-1	Reflectors ... of glass ... for use with lighting fixtures ...
*32680-1	Hollow spheres of glass ... for ... Canadian manufactures
32700-1	Spectacles, eyeglasses ... eyeglass lenses, n.o.p.
32701-1	Shapes of glass or plastic for ... spectacle and eyeglass lenses
34800-1	Copper scrap, matte and blister ...
36700-1	Watch cases, and parts thereof, finished or unfinished
40959-1	Cryogenic containers for ... storage of vaccines for poultry
41040-1	Safety goggles ... for eye protection of workers ... parts ...
43425-1	Trucks ... not made ... and body shells ... for street railway cars
43435-1	Parts used in the repair of street cars ... with magnetic ... brakes
43505-1	Locomotives ... not made ... for mining ... sawmills
43510-1	Diesel switching locomotives ... parts ... not made in Canada
43800-1	Railway cars and parts thereof, n.o.p.
	Machines or other articles ... (for specified vehicles):
43807-1	When of a class or kind made in Canada
43829-1	Parts, n.o.p. ... for automobiles, motor vehicles ...
*43899-1	Chromed mirror glass...for...rear view mirrors...for motor vehicles
44053-1	Parts of aircraft, n.o.p.
44062-1	Hinges ... mirrors ... glassware ... for ... civil aircraft
*44301-2	Panels of borosilicate glass for ... self-cleaning ... ovens ...
*44505-1	Uncoated pressed glass shapes for ... sealed beam spotlight ...
44510-1	Glass cloth ... for ... the manufacture of printed circuit boards
*44510-2	Fabrics, wholly of glass ... for ... printed circuit boards
44543-1	Parts and materials ... for ... electron tubes ...
47600-1	X-ray apparatus ... illuminating devices ... parts ...
47700-1	Containers and parts thereof, including expelling bulbs ...
51000-1	Churns, n.o.p., brooms, whisks ... and rolling pins
54305-1	Clothing ... of man-made fibres ... or glass fibres ...
	Textile glass fibres ... not carded, not combed ...:
*55805-1	For use in the manufacture of textile yarns
*55810-1	N.o.p.
*55815-1	Textile glass fibres ... for ... the manufacture of textile yarns
*55820-1	Glass filaments ... for ... the manufacture of textile yarns ...
*55825-1	Grouped filaments, wholly of glass, ...
*55830-1	Yarns, wholly ... of glass fibres or filaments, ...
*55835-1	Non-woven mat, wholly of textile glass fibres or filaments
55910-1	Waste portions of unused fabrics, n.o.p. ...
56010-1	Sliver, wholly or in part of man-made fibres
*56117-1	Yarns, wholly of glass filaments for ... woven tire fabrics

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* Indicates that goods under the present tariff item are classified only to this Chapter.

	Woven fabrics ... of glass fibres or filaments ...:
56205-1	Exceeding 30 cm in width
56206-1	Not exceeding 30 cm in width
56209-1	Woven fabrics ... for ... the manufacture of drapes ...
56210-1	Woven fabrics ... of glass fibres or filaments ...
*56237-1	Woven tire fabrics ... of glass filament yarns ...
*56275-1	Woven mesh fabrics ... for ... the manufacture of grinding wheel
56300-1	Clothing, wearing apparel and articles ... of glass fibres ...
*56511-1	Untreated glass fibre braided tubing ... for electrical wiring
56805-1	Knitted garments, knitted fabrics and knitted goods ... n.o.p.
	Coated or impregnated fabrics ...:
57401-1	The textile fabric ... wholly or in part ... of glass fibres ...
*57420-1	Fabrics, wholly or in part ... of glass filaments
*57430-1	Woven fabrics, of glass fibres ... for ... gear cases
*57460-1	Woven fabrics, wholly of glass fibres ... for ... covers for radar
62400-1	Bead ornaments ... fans of all kinds ... n.o.p.
64300-1	Precious or semi-precious stones ... not mounted ...
*64803-1	Imitation pearls, pierced, split ... but not mounted or set
68100-1	Junk, old ... broken glass or glass cullet
68910-1	Alumino-silicate fibres ... for ... riser sleeves ...
*68911-1	Yarns, cordage ... for use in Canadian manufactures
69105-1	Communion sets; oil stocks ... parts of the foregoing
69605-1	Apparatus, ... instruments ... for use ... in teaching or research ...
*69805-1	Glass beads for handmade articles
71100-1	All goods not enumerated in this schedule ...
87500-1	Handicraft goods ... of a country eligible for GPT
95002-1	All parts and accessories ... equipment in automobiles ...
95004-1	All parts, and accessories ... original equipment in buses ...
95006-1	All parts, and accessories ... in specified commercial vehicles ...

B. The Board's Analysis and Recommendations

The Board received four submissions pertaining to Chapter 70. Ford Glass Limited requested a further breakout of statistical categories and subcategories under heading Nos. 70.03, 70.05, 70.08 and 70.09. The Board accepts these proposals, and the changes are included in Table 70.1. The rates of duty for the pertinent goods would not be affected.

DOMCO Industries Ltd. and the Canadian Textiles Institute noted that fibreglass mat is now classified under tariff item 55835-1, "Non-woven mat, wholly of textile glass fibres or filaments", with an MFN rate of 15 p.c. and that such material has been assigned to tariff line 7019.31.00 with a proposed MFN rate of 25%. This rate was determined by goods classified under item 56300-1 "... textile manufactures ... of which fifty per cent or more ... of glass fibres or filaments ...", which accounted for the majority of trade involved in the conversion. The Board recommends that the current rate of 15 p.c. be restored for fibreglass mat by means of the following breakout:

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* Indicates that goods under the present tariff item are classified only to this Chapter.

Delete the rates of duty under 7019.31.00 and add the following:

			MFN Rate
7019.31	--Mats		
7019.31.10.00	---Wholly of glass fibre	kg	15%
7019.31.90.00	---Other	kg	25%

In addition, the Canadian Textiles Institute questioned why end use items 55805-1 and 55815-1, had not been included in the Supplementary Annex. These items, which cover textile glass fibres used in the manufacture of textile yarns, and carry an MFN rate of Free have been allocated to tariff line 7019.10.10 at 8.5% MFN. There appears to be no justification for adding these two end use items to the Supplementary Annex because there were no imports recorded in 1980-82. The Board brings to the Minister's attention the Institute's concern that the concessionary rates for temporary items 57430-1, 57460-1, 56275-1, 44510-1, 44510-2 and 56511-1 should be maintained.

The Institute also expressed concern about a substantial increase in duty for those goods presently entering duty-free under tariff item 55910-1. These goods ("waste portions of unused fabrics ...") have been allocated to tariff lines 6310.10.00 and 6310.90.00 at Free MFN and to tariff line 7019.20.90, namely 7019.20.90.39, at 25% MFN. However, since all the imports under item 55910-1 have been concorded to the two tariff lines of Chapter 63 and none to 7019.20.90.39, the Board recommends that no change be made to tariff line 7019.20.90.

In its original brief to the Board, and also in its subsequent submission respecting the review of Chapters 68 to 98, the Institute felt that there would be a loss of protection for some of the glass filament or yarn now classified under tariff items 55825-1 and 55830-1. It is noted, however, that all of the goods under these two existing items were allocated to two HS lines, namely 7019.10.29.10 and 7019.10.29.20, with an MFN rate of 15% to apply. As no change from the present rate of duty would result, the Board, similarly, makes no recommendation.

Libbey-St. Clair (Libbey) submitted that end use items 32642-1, "articles of glassware ... used ... with precious metals ..." and 32660-1, "articles of glass ... for use in ... cut or decorated glassware ..." should be retained in the Supplementary Annex with their present descriptions of goods and rates of duty, and that drawback item 97007-1, "machine made tumblers of glass, not cut nor decorated" should be continued. The drawback concern, while outside the Board's terms of reference is noted. The Board recommends that the two end use items be incorporated in the Supplementary Annex as requested.

Libbey also requested that coffee mugs, beer mugs, tankards, shot glasses and mixing glasses, and other miscellaneous glass products be mentioned specifically. The Board, therefore, recommends that statistical breakouts 7013.39.90.30, 7015.90.90.30, 7015.90.90.40, 7020.00.90.20 and 7020.00.90.30 (as listed in Table 70.1), be added to the revised Schedule.

Libbey also expressed concern with the proposed BP rate of 11.3% under tariff lines 7013.39.10 and 7013.99.10. These lines have been converted from item 32612-1 which is dutiable at 10 p.c. under the BP Tariff. Although the BP tariff is not within the Board's mandate it is noted that restoration of the 10% BP duty under these proposed items, would be appropriate. Libbey's submission that the proposed 10.2% MFN duty rate under tariff line 7013.91.90 be changed to 11.3% is unfounded because this proposed item has been converted from item 32615-1 dutiable at 10.2 p.c. MFN and not item 32608-1, 11.3 p.c. MFN, as claimed by the company.

Libbey's concerns about candleholders and candelabras fall within the scope of Chapter 94 and are treated in that Chapter.

Pursuant to the Board's previous recommendations respecting Reference 159, the MFN rate pertaining to tariff item 32603-1, "Demijohns or carboys, bottles, flasks, phials, jars and balls, of glass, not cut ...", was revised upward, from 11.3 p.c. to 11.4 p.c. This tariff item determines several of the rates shown in the draft Schedule for Chapter 70. To incorporate this recent revision it is recommended that, respecting tariff lines 7010.90.90, 7012.00.90, 7017.10.00 and 7017.90.00, the 11.3% MFN rate shown in the draft Schedule be amended to 11.4% (see Table 70.2).

The Board notes that, according to the concordance, various glassware products now under tariff item 32603-1 would also be classified to heading No. 70.13, specifically to 7013.39.10.20 and 7013.39.10.40. Since the provision of this heading is limited to glassware if "cut" and tariff item 32603-1 covers only glassware when "not cut", no recommendation is made to change the 11.3% MFN rate shown for tariff line 7013.39.10.

Furthermore, the Board recommends that the following provision be added to proposed tariff line 7010.90.10 in order to provide for the duty free entry of glass containers and closures thereof, currently classified under tariff item 20630-1.

7010.90.10	...; blood storage bottles and stoppers or other closures thereof

In relation to changes introduced in the Budget of May 23, 1985, the Board recommends that the wording of tariff line 7012.00.10 be changed to "Single or double hollow shapes of glass, whether silvered or not" to reflect a similar change in the wording of tariff item 32627-1.

The Board's recommended nomenclature changes are listed in Table 70.1.

Table 70.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
7002.10.10.00	---Importées par les fabricants de fibres ou de filés de verre, devant servir dans la fabrication de ces fibres ou filés	1
7002.10.90.00	---Other balls . . . . Autres billes	3
7003.11.10.11	New class ------Of a thickness not exceeding 3 mm . . . . D'une épaisseur n'excédant pas 3 mm	6
7003.11.10.12	New class ------Of a thickness exceeding 3 mm but not exceeding 7 mm . . . . D'une épaisseur excédant 3 mm mais n'excédant pas 7 mm	6
7003.11.10.13	New class ------Of a thickness exceeding 7 mm . . . . . . D'une épaisseur excédant 7 mm	6
7003.11.10.90	-----Other than white . . . . Autre que blanc	6
7003.11.10.91	New class ------Of a thickness not exceeding 3 mm . . . . D'une épaisseur n'excédant pas 3 mm	6
7003.11.10.92	New class ------Of a thickness exceeding 3 mm but not exceeding 7 mm . . . . D'une épaisseur excédant 3 mm mais n'excédant pas 7 mm	6
7003.11.10.93	New class ------Of a thickness exceeding 7 mm . . . . . . D'une épaisseur excédant 7 mm	6
7003.11.20.11	Delete from 7003.11.20.11 to 7003.11.20.13	6

TABLE 70.1 (CONT.)

HS Code	Description of goods	Reason for Change
7003.11.20.21	Delete from 7003.11.20.21 to 7003.11.20.23	6
7005.21.00.10	New class -----Float glass, coloured green throughout the mass . . . . Verre flotté, coloré vert dans la masse	6
7005.21.00.11	New class ------Of a thickness not exceeding 3 mm . . . . D'une épaisseur n'excédant pas 3 mm	6
7005.21.00.12	New class ------Of a thickness exceeding 3 mm . . . . . . D'une épaisseur excédant 3 mm	6
7005.21.00.20	New class -----Float glass, coloured bronze throughout the mass . . . . Verre flotté, coloré bronze dans la masse	6
7005.21.00.21	New class ------Of a thickness not exceeding 3 mm . . . . D'une épaisseur n'excédant pas 3 mm	6
7005.21.00.22	New class ------Of a thickness exceeding 3 mm . . . . . . D'une épaisseur excédant 3 mm	6
7005.21.00.30	New class -----Float glass, otherwise coloured throughout the mass . . . . Verre flotté, autrement coloré dans la masse	6
7005.21.00.31	New class ------Of a thickness not exceeding 3 mm . . . . D'une épaisseur n'excédant pas 3 mm	6
7005.21.00.32	New class ------Of a thickness exceeding 3 mm . . . . . . D'une épaisseur excédant 3 mm	6
7005.21.00.90	New class -----Other, opacified, flashed or merely surface ground . . . . Autre, opacifiée, plaquée ou simplement doucie	6
7005.29.00.90	-----Other than X-ray plate glass . . . . Autre que polie pour rayon X	3

TABLE 70.1 (CONT.)

HS Code	Description of goods	Reason for Change
7007.11.10	Delete this class	4
7007.11.11.00	Renumber 7007.11.10.00 ---For railway vehicles . . . . Pour véhicules de chemins de fer	4
7007.11.19.00	Renumber 7007.11.90.00 ---For other vehicles . . . . Pour autres véhicules	4
7007.19.00	--Other toughened (tempered) safety glass . . . Autres verres trempés	3
7007.19.00.10	Correct "revêtus"	4
7007.19.00.20	Renumber 7007.19.00.80 (and subdivisions)	2
7007.19.00.30	Renumber 7007.19.00.90 (and subdivisions)	2
7007.21.10	Delete this class	4
7007.21.10.11	Renumber 7007.21.10.00 ---For railway vehicles . . . . Pour véhicules de chemins de fer	4
7007.21.10.19	Renumber 7007.21.90.00 ---For other vehicles . . . . Pour autres véhicules	4
7007.29.00	--Other laminated safety glass . . . . Autres verres formés de feuilles contrecollées	3
7007.29.00.10	Delete this class	4
7007.29.00.11	Renumber 7007.29.00.10 -----Tempered, flat . . . . Trempés, plat	4
7007.29.00.19	Renumber 7007.29.00.20 -----Tempered, other than flat . . . . Trempés, autres que plat	4
7007.29.00.20	Renumber 7007.29.00.30	4
7008.00.00.00	Change the Unit of measure to m^2	5
7009.91.00.10	-----In sheets . . . . En feuilles	4
7009.91.00.11	New class ------Mirrors on clear glass . . . . Mirroirs sur verre clair	5

TABLE 70.1 (CONT.)

HS Code	Description of goods	Reason for Change
7009.91.00.12	New class ------Mirrors on bronze glass . . . . Mirroirs sur verre bronzé	5
7009.91.00.19	New class ------Mirrors on other coloured glass . . . . . Mirroirs sur autres verres colorés	5
7009.92.00.10	Delete this class. Products already covered by 7009.10	2
7009.92.00.90	Delete this class	2
7011.10.00.10	-----For electric lamp bulbs . . . . Pour ampoules de lampes électriques	2
7011.20.00.10	-----Tubes-images défecteurs, sans garnitures	4
7011.90.90.00	---Other glass envelopes and parts thereof . . . Autres ampoules et enveloppes et leurs parties	3
7013.21.00.10	-----Gobelets	2
7013.21.00.20	Renumber 7013.21.00.90 -----Other lead crystal drinking glasses . . . . Autres verres à boire en cristal au plomb	4
7013.29.10	---En verre taillé	2
7013.29.10.10	-----Gobelets	2
7013.29.10.20	Renumber 7013.29.10.90 -----Other cut glassware drinking glasses . . . Autres verres à boire en verre taillé	4
7013.29.90.10	-----Gobelets	2
7013.29.90.20	Renumber 7013.29.90.90 -----Other drinking glasses . . . . Autres verres à boires	4
7013.32.00.20	-----Parties d'ustensiles de cuisine	2
7013.39.10.40	Delete this class	5
7013.39.90	---Other glassware of a kind used for table or kitchen. . . . . Autres objets pour le service de la table ou pour la cuisine	3

TABLE 70.1 (CONT.)

HS Code	Description of goods	Reason for Change
7013.39.90.30	-----Coffee mugs, beer mugs, tankards, shot glasses and mixing glasses Chopes à café et à bière, pots à bière, petits verres à eau-de-vie et verres mélangeurs	6
7013.91.90	---Other glassware of cut crystal Autres objets en cristal au plomb	3
7013.99.90	---Other glassware Autres objets en verre	3
7013.99.90.50	Renumber 7013.99.90.80 -----Other decorative ware Autres articles décoratifs	3
7015.90.10.00	---For safety goggles or safety spectacles designed for use by workers employed in hazardous work Pour lunettes de sûreté conçues pour des travailleurs qui exécutent un travail dangereux	2
7015.90.90	---For other uses Pour d'autres usages	3
7015.90.90.30	-----Glass covers for eletrical meters Couvercles en verre pour compteurs électriques	6
7015.90.90.40	-----Glass protective lenses for appliances Lentilles protectives en verre pour appareils	6
7016.90.90	---Paving blocks, slabs, bricks, squares, tiles and other articles of pressed or moulded glass, whether or not wired, of a kind used for buildings or construction purposes; multicellular or foam glass in blocks, panels, plates, shells or similar forms Pavés, dalles, briques, carreaux, tuiles et autres articles, en verre pressé ou moulé, même armé, pour le bâtiment ou la construction; verre dit "multicellulaire" ou verre "mousse" en blocs, panneaux, plaques, coquilles ou formes similaires	3
7016.90.90.10	-----Paving blocks, slabs, bricks, squares, tiles and other articles of pressed or moulded glass Pavés, dalles, briques, carreaux, tuiles et autres articles, en verre pressé ou moulé	4

TABLE 70.1 (CONT.)

HS Code	Description of goods	Reason for Change
7016.90.90.20	-----Multicellular or foam glass Verre dit "multicellulaire" ou verre "mousse"	4
7017.20.10.00	---Beakers, dishes and jars of all kinds; bottles and flasks, of a capacity of 100 ml or greater; funnels; all of the foregoing without spigots, appendages, stopcocks or ground glass joints and designed for laboratory use Béchers, vases et jarres de toutes sortes; bouteilles et flacons, d'une capacité de 100 ml ou plus; entonnoirs; tout ce qui précède sans robinets, appendices, robinets d'arrêts ou joints rodés et conçu pour travaux de laboratoires	4
7018.10.10.00	---Glass beads, of a kind designed for cleaning, peening or surface finishing Perles de verre, des types conçus pour le nettoyage, le martelage ou la finition de surface	1&2
7018.10.20.00	---Glass beads, of a kind designed for hand-made articles Perles de verre, des types conçus pour les articles faits à la main	1&2
7018.10.30.00	---Imitation precious or semi-precious stones, not mounted nor set Imitations de pierres gemmes (précieuses ou fines), non montées ni serties	1
7018.10.40.00	---Imitations de perles	1
7018.90.10.00	---Ornaments of lamp-worked glass, imported by manufacturers of silverware, to be used in receptacles made of or electro-plated with precious metals or to be equipped with tops made of or electro-plated with precious metals Objets d'ornementation, en verre travaillé au chalumeau, importés par les fabricants d'argenterie, devant servir dans des réceptacles faits avec des métaux précieux ou plaqués de métaux précieux par galvanoplastie ou pour être munis de couvercles faits avec des métaux précieux ou plaqués de métaux précieux par galvanoplastie	2

TABLE 70.1 (CONT.)

HS Code	Description of goods	Reason for Change
7018.90.90	---Other glass smallware and articles thereof; glass eyes; other ornaments of lamp-worked glass Autres articles de verroterie et leurs ouvrages; yeux en verre; autres objets d'ornementation, en verre travaillé au chalumeau	3
7019.10.21.00	----Yarn, wholly of glass filaments, for use in the manufacture of woven tire fabrics	2
7019.10.29	----Other rovings and yarns Autres stratifils (rovings) et fils non coupés	3
7019.10.29.10	Renumber 7019.10.29.20 -----Yarns Fils non coupés	2
7019.10.29.20	Renumber 7019.10.29.10	2
7019.20.10	---Des types utilisés à la fabrication de pneus	1
7019.20.10.10	-----Recouverts ou trempés	2
7019.20.10.12	Delete this class	4
7019.20.10.20	-----Not coated nor dipped Non recouverts ni trempés	2
7019.20.90	---Other woven fabrics Autres tissus	3
7019.20.90.10	-----Rubans	1
7019.20.90.12	Renumber 7019.20.90.18 ------Other tape, electrical Autres rubans, pour usage électrique	2
7019.20.90.19	------Other tape Autres rubans	3
7019.20.90.20	-----Other than tape, coated or dipped Autres que le ruban, recouverts ou trempés	2
7019.20.90.21	------Recouverts de vinyle	2
7019.20.90.30	-----Other than tape, not coated nor dipped Autres que le ruban, non recouverts ni trempés	2

TABLE 70.1 (CONCL.)

HS Code	Description of goods	Reason for Change
7019.39.00.90	------Other webs, mattresses, boards and similar nonwoven products . . . . Autres nappes, matelas, panneaux et produits similaires non tissés	3
7019.90	-Other glass fibres and articles thereof . . . . Autres fibres de verre et ouvrages en ces matières	3
7019.90.10.90	-----Other woven, knitted or braided articles . Autres articles tissés, tricotés ou tressés	3
7019.90.10.91	------Knitted or crocheted . . . . En bonneterie	2
7020.00.90	---Other articles of glass . . . . Autres ouvrages en verre	3
7020.00.90.10	-----Doors . . . . Portes	4
7020.10.90.20	-----Glass door knobs . . . . Poignées de porte en verre	6
7020.10.90.30	-----Glass furniture shoes . . . . Sabots de meuble en verre	6

Chapter 70

GLASS AND GLASSWARE

*

Legal Notes.

1. This Chapter does not cover

   (a) Goods of heading No.32.07 (for example, vitrifiable enamels and glazes, glass frit, other glass in the form of powder, granules or flakes);

   (b) Articles of Chapter 71 (for example, imitation jewellery);

   (c) Optical fibre cables of heading No. 85.44, electrical insulators (heading No. 85.46) or fittings of insulating material (heading No. 85.47);

   (d) Optical fibres, optically worked optical elements, hypodermic syringes, artificial eyes, thermometers, barometers, hydrometers or other articles of Chapter 90;

   (e) Lamps or lighting fittings, illuminated signs, illuminated name-plates or the like, having a permanently fixed light source, or parts thereof of heading No. 94.05;

   (f) Toys, games, sports requisites, Christmas tree ornaments or other articles of Chapter 95 (excluding glass eyes without mechanisms for dolls or for other articles of Chapter 95); or

   (g) Buttons, fitted vacuum flasks, scent or similar sprays or other articles of Chapter 96.

2. For the purposes of heading Nos. 70.03, 70.04 and 70.05:

   (a) glass is not regarded as "worked" by reason of any process it has undergone before annealing;

   (b) cutting to shape does not affect the classification of glass in sheets;

   (c) the expression "absorbent or reflecting layer" means a microscopically thin coating of metal or of a chemical compound (for example, metal oxide) which absorbs, for example, infra-red light or improves the reflecting qualities of the glass while still allowing it to retain a degree of transparency or translucency.

3. The products referred to in heading No. 70.06 remain classified in that heading whether or not they have the character of articles.

4. For the purposes of heading No. 70.19, the expression "glass wool" means:

   (a) Mineral wools with a silica (SiO_2) content not less than 60 % by weight;

   (b) Mineral wools with a silica (SiO_2) content less than 60 % but with an alkaline oxide (K_2O or Na_2O) content exceeding 5 % by weight or a boric oxide (B_2O_3) content exceeding 2 % by weight.

   Mineral wools which do not comply with the above specifications fall in heading No. 68.06.

5. Throughout the Nomenclature, the expression "glass" includes fused quartz and other fused silica.

Subheading Legal Note. *

1. For the purposes of subheading Nos. 7013.21, 7013.31 and 7013.91, the expression "lead crystal" means only glass having a minimum lead monoxide (PbO) content by weight of 24 %.

TABLE 70.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
70.01	**Cullet and other waste and scrap of glass; glass in the mass.**						
7001.00.10.00	---Cullet and other waste and scrap of glass	kg	Free	Free	Free	Free	
7001.00.20.00	---Glass in the mass	kg	10%	10.2%	22.5%	6.5%	
70.02	**Glass in balls (other than microspheres of heading No. 70.18), rods or tubes, unworked.**						
7002.10	-Balls						
7002.10.10.00	---Imported by manufacturers of glass fibres or glass yarn, for use in the manufacture of such fibres or yarn	-	Free	Free	Free	Free	
7002.10.90.00	---Other balls	-	11.3%	11.3%	32.5%	7.5%	*
7002.20.00.00	-Rods	-	10%	10.2%	22.5%	6.5%	
	-Tubes						
7002.31.00.00	--Of fused quartz or other fused silica . .	-	Free	Free	10%	Free	
7002.32.00.00	--Of other glass having a linear coefficient of expansion not exceeding $5x10^{-6}$ per Kelvin within a temperature range of 0 °C to 300 °C	-	Free	Free	10%	Free	
7002.39.00.00	--Other	-	Free	Free	10%	Free	
70.03	**Cast glass and rolled glass, in sheets or profiles, whether or not having an absorbent or reflecting layer, but not otherwise worked.**						
	-Non-wired sheets						
7003.11	--Coloured throughout the mass (body tinted), opacified, flashed or having an absorbent or reflecting layer						
7003.11.10.	---Not having an absorbent or reflecting layer		Free	5%	15%	Free	
	-----White						*
11	------Of a thickness not exceeding 3 mm . .	m^2					*
12	------Of a thickness exceeding 3 mm but not exceeding 7 mm	m^2					*
13	------Of a thickness exceeding 7 mm	m^2					*

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 70-4

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	MFN	Gen	GP	
7003.11.10.	-----Other than white						*
(cont.) 91	------Of a thickness not exceeding 3 mm . .	m^2					*
92	------Of a thickness exceeding 3 mm but not exceeding 7 mm	m^2					*
93	------Of a thickness exceeding 7 mm	m^2					*
7003.11.20.	---Having an absorbent or reflecting layer .		Free	6.8%	17.5%	Free	
10	-----Having an absorbent layer	m^2					*
20	-----Having a reflecting layer	m^2					*
7003.19.00.00	--Other	m^2	Free	5%	15%	Free	
7003.20.00.00	-Wired sheets	m^2	Free	5%	15%	Free	
7003.30.00.00	-Profiles	-	Free	5%	15%	Free	
70.04	**Drawn glass and blown glass, in sheets, whether or not having an absorbent or reflecting layer, but not otherwise worked.**						
7004.10.00.	-Glass, coloured throughout the mass (body tinted), opacified, flashed or having an absorbent or reflecting layer		Free	6.8%	17.5%	Free	
10	-----Having an absorbent layer	m^2					
20	-----Having a relecting layer	m^2					
30	-----Having neither an absorbent nor a reflecting layer	m^2					
7004.90.00.	-Other glass		Free	5.5%	17.5%	Free	
10	-----Of a thickness not exceeding 2 mm . . .	m^2					
20	-----Of a thickness exceeding 2 mm but not exceeding 3 mm	m^2					
30	-----Of a thickness exceeding 3 mm but not exceeding 4 mm	m^2					
40	-----Of a thickness exceeding 4 mm	m^2					
70.05	**Float glass and surface ground or polished glass, in sheets, whether or not having an absorbent or reflecting layer, but not otherwise worked.**						
7005.10	-Non-wired glass, having an absorbent or reflecting layer						
7005.10.10.	---Float glass		Free	5.5%	17.5%	Free	
10	-----Having an absorbent layer	m^2					
20	-----Having a reflecting layer	m^2					

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 70-5

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7005.10.20.	---Surface ground or polished glass		Free	6.8%	17.5%	Free	
10	-----Having an absorbent layer	m^2					
20	-----Having a reflecting layer	m^2					
	-Other non-wired glass						
7005.21.00.	--Coloured throughout the mass (body tinted), opacified, flashed or merely surface ground		Free	4%	15%	Free	*
	-----Float glass, coloured green throughout the mass						*
11	------Of a thickness not exceeding 3 mm . .	m^2					*
12	------Of a thickness exceeding 3 mm	m^2					*
	-----Float glass, coloured bronze throughout the mass						*
21	------Of a thickness not exceeding 3 mm . .	m^2					*
22	------Of a thickness exceeding 3 mm	m^2					*
	-----Float glass, otherwise coloured throughout the mass						*
31	------Of a thickness not exceeding 3 mm . .	m^2					*
32	------Of a thickness exceeding 3 mm	m^2					*
90	-----Other, opacified, flashed or merely surface ground	m^2					*
7005.29.00.	--Other		Free	4%	15%	Free	
10	-----X-ray plate glass	m^2					
	-----Other than x-ray plate glass						*
91	------Of a thickness not exceeding 2 mm . .	m^2					
92	------Of a thickness exceeding 2 mm but not exceeding 3 mm	m^2					
93	------Of a thickness exceeding 3 mm but not exceeding 4 mm	m^2					
94	------Of a thickness exceeding 4 mm but not exceeding 5 mm	m^2					
95	------Of a thickness exceeding 5 mm but not exceeding 6 mm	m^2					
96	------Of a thickness exceeding 6 mm but not exceeding 10 mm	m^2					
97	------Of a thickness exceeding 10 mm but not exceeding 14 mm	m^2					
98	------Of a thickness exceeding 14 mm	m^2					
7005.30.00.00	-Wired glass	m^2	Free	4%	15%	Free	
70.06	**Glass of heading No. 70.03, 70.04 or 70.05, bent, edge-worked, engraved, drilled, enamelled or otherwise worked, but not framed or fitted with other materials.**						
7006.00.10.00	---Float glass	-	Free	5.5%	17.5%	Free	

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7006.00.90.00	---Other	-	Free	6.8%	17.5%	Free	
70.07	**Safety glass, consisting of toughened (tempered) or laminated glass.**						
	-Toughened (tempered) safety glass						
7007.11	--Of size and shape suitable for incorporation in vehicles, aircraft, spacecraft or vessels						
7007.11.10.00	---For railway vehicles	-	15%	17.5%	30%	11.5%	*
7007.11.20.00	---For aircraft	-	Free	Free	27.5%	Free	
7007.11.30.00	---For spacecraft or vessels	-	10%	10.2%	22.5%	6.5%	
7007.11.90.00	---For other vehicles	-	Free	9.2%	35%	Free	*
7007.19.00.	--Other thoughened (tempered) safety glass		10%	10.2%	22.5%	6.5%	*
10	-----Having an absorbent or reflecting layer	m^2					
	-----Other, coloured throughout the mass						*
81	------White	m^2					*
89	------Other	m^2					*
	-----Other, colourless						*
91	------Of a thickness not exceeding 3 mm	m^2					*
92	------Of a thickness exceeding 3 mm but not exceeding 6 mm	m^2					*
93	------Of a thickness exceeding 6 mm	m^2					*
	-Laminated safety glass						
7007.21	--Of size and shape suitable for incorporation in vehicles, aircraft,spacecraft or vessels						
7007.21.10.00	---For railway vehicles	-	15%	17.5%	30%	11.5%	*
7007.21.20.00	---For aircraft	-	Free	Free	27.5%	Free	
7007.21.30.00	---For spacecraft or vessels	-	11.3%	11.3%	35%	Free	
7007.21.90.00	---For other vehicles	-	Free	9.2%	35%	Free	*
7007.29.00.	--Other laminated safety glass		5%	8%	22.5%	Free	*
10	-----Tempered, flat	m^2					*
20	-----Tempered, othor than flat	m^2					*
30	-----Not tempered	m^2					*
70.08							
7008.00.00.00	**Multiple-walled insulating units of glass**	m^2	10%	10.2%	22.5%	6.5%	*

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
70.09	**Glass mirrors, whether or not framed, including rear-view mirrors.**						
7009.10.00.	-Rear-view mirrors for vehicles		Free	9.2%	35%	Free	
10	-----Interior	-					
	-----Exterior						
21	------Non-braced for mounting on doors	-					
29	------Other	-					
	-Other						
7009.91.00.	--Unframed		11.3%	11.3%	30%	7.5%	
	-----In sheets						*
11	------Mirrors on clear glass	m^2					*
12	------Mirrors on bronze glass	m^2					*
19	------Mirrors on other coloured glass	m^2					*
20	-----Tiles	m^2					
90	-----Other	-					
7009.92.00.00	--Framed	-	11.3%	11.3%	30%	7.5%	*
70.10	**Carboys, bottles, flasks, jars, pots, phials, ampoules and other containers, of glass, of a kind used for the conveyance or packing of goods; preserving jars of glass; stoppers, lids and other closures, of glass.**						
7010.10.00.00	-Ampoules	-	Free	Free	32.5%	Free	
7010.90	-Other						
7010.90.10.	---Having a linear coefficient of expansion not exceeding 5x10^{-6} per Kelvin within a temperature range of 0 °C to 300 °C; blood storage bottles and stoppers or other closures thereof		Free	Free	32.5%	Free	*
10	-----Pharmaceutical or chemical bottles	-					
90	-----Other	-					
7010.90.90.	---Other		11.4%	11.4%	32.5%	7.5%	*
10	-----Alcoholic beverage bottles	-					
20	-----Pharmaceutical or chemical bottles	-					
30	-----Cosmetic bottles	-					
40	-----Soft drink bottles	-					
50	-----Food preserve bottles and jars	-					
60	-----Carboys and demijohns	-					
	-----Closures						
71	------Lids	-					
79	------Other	-					
90	-----Other	-					

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
70.11	**Glass envelopes (including bulbs and tubes), open, and glass parts thereof, without fittings, for electric lamps, cathode-ray tubes or the like.**						
7011.10.00.	-For electric lighting		10%	10.2%	22.5%	6.5%	
10	-----For electric lamp bulbs	-					*
90	-----Other	-					
7011.20.00.	-For cathode-ray tubes		Free	Free	25%	Free	
10	-----Duds, without fittings	No.					
90	-----Other	-					
7011.90	-Other						
7011.90.10.00	---For electron tubes	-	Free	Free	25%	Free	
7011.90.90.00	---Other glass envelopes and parts thereof	-	10%	10.2%	22.5%	6.5%	*
70.12	**Glass inners for vacuum flasks or for other vacuum vessels.**						
7012.00.10.00	---Single or double wall hollow shapes of glass, whether silvered or not	-	Free	Free	32.5%	Free	*
7012.00.90.00	---Other	-	11.4%	11.4%	32.5%	7.5%	*
70.13	**Glassware of a kind used for table, kitchen, toilet, office, indoor decoration or similar purposes (other than that of heading No. 70.10 or 70.18).**						
7013.10.00.	-Of glass-ceramics		10%	20%	32.5%	10%	
10	-----Tumblers	-					
90	-----Other	-					
	-Drinking glasses other than of glass-ceramics						
7013.21.00.	--Of lead crystal		10%	11.3%	32.5%	7.5%	
10	-----Tumblers	-					
90	-----Other lead crystal drinking glasses	-					*
7013.29	--Other						
7013.29.10.	---Cut glassware		10%	11.3%	32.5%	7.5%	
10	-----Tumblers	-					
90	-----Other cut glassware drinking glasses	-					*
7013.29.90.	---Other		15%	20%	32.5%	13%	
10	-----Tumblers	-					
90	-----Other drinking glasses	-					*

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	-Glassware of a kind used for table (other than drinking glasses) or kitchen purposes other than of glass-ceramics						
7013.31.00.	—Of lead crystal		10%	11.3%	32.5%	7.5%	
10	-----Decanters	-					
90	-----Other	-					
7013.32.00.	—Of glass having a linear coefficient of expansion not exceeding 5×10^{-6} per Kelvin within a temperature range of 0 °C to 300 °C		Free	Free	Free	Free	
10	-----Cooking utensils	-					
20	-----Parts of cooking utensils	-					
90	-----Other	-					
7013.39	—Other						
7013.39.10.	—-Cut glassware		11.3%	11.3%	32.5%	7.5%	
10	-----Decanters	-					
20	-----Cookie jars	-					
30	-----Trays	-					
90	-----Other	-					
7013.39.90.	—-Other glassware of a kind used for table or kitchen		15%	20%	32.5%	13%	*
10	-----Decanters	-					
20	-----Cooking utensils	-					
30	-----Coffee mugs, beer mugs, tankards, shot glasses and mixing glasses	-					*
90	-----Other	-					
	-Other glassware						
7013.91	—Of lead crystal						
7013.91.10.	—-Cut glassware		10%	11.3%	32.5%	7.5%	
10	-----Bowls	-					
20	-----Vases	-					
90	-----Other	-					
7013.91.90.	—-Other glassware of cut crystal		10%	10.2%	22.5%	6.5%	*
10	-----Bowls	-					
20	-----Vases	-					
90	-----Other	-					
7013.99	—Other						
7013.99.10.	—-Cut glassware		11.3%	11.3%	32.5%	7.5%	
10	-----Ash trays	-					
20	-----Bowls	-					
30	-----Vases	-					
90	-----Other	-					
7013.99.90.	—-Other glassware		10%	10.2%	22.5%	6.5%	*
10	-----Ash trays	-					
20	-----Bowls excluding fish bowls	-					
30	-----Fish bowls	-					
40	-----Vases	-					
80	-----Other decorative ware	-					*
90	-----Other	-					

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
70.14 7014.00.00.	**Signalling glassware and optical elements of glass (other than those of heading No. 70.15), not optically worked . . . . . .**		Free	Free	30%	Free	
10	-----Blanks for reflectors or refractors . .	-					
20	-----Other optical lens blanks	-					
30	-----Other lens blanks	-					
40	-----Fresnel lenses for lamps	-					
90	-----Other	-					
70.15	**Clock or watch glasses and similar glasses, glasses for non-corrective or corrective spectacles, curved, bent, hollowed or the like, not optically worked; hollow glass spheres and their segments, for the manufacture of such glasses.**						
7015.10.00.	-Glasses for corrective spectacles		10.2%	10.2%	22.5%	6.5%	
10	-----Lens blanks	-					
90	-----Other	-					
7015.90	-Other						
7015.90.10.00	---For safety goggles or safety spectacles designed for use by workers employed in hazardous work	-	Free	Free	Free	Free	*
7015.90.90.	---For other uses		10%	10.2%	45%	7.5%	*
10	-----Blanks for clocks	-					
20	-----Watch crystals	-					
30	-----Glass covers for electrical meters . .	-					*
40	-----Glass protective lenses for appliances	-					*
90	-----Other	-					

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
70.16	**Paving blocks, slabs, bricks, squares, tiles and other articles of pressed or moulded glass, whether or not wired, of a kind used for building or construction purposes; glass cubes and other glass smallwares, whether or not on a backing, for mosaics or similar decorative purposes; leaded lights and the like; multicellular or foam glass in blocks, panels, plates, shells or similar forms.**						
7016.10.00.00	-Glass cubes and other glass smallwares, whether or not on a backing, for mosaics or similar decorative purposes	-	10%	10.2%	22.5%	6.5%	
7016.90	-Other						
7016.90.10.	---Leaded lights and the like		5.5%	5.5%	17.5%	3.5%	
10	-----Windows	-					
90	-----Other	-					
7016.90.90.	---Paving blocks, slabs, bricks, squares, tiles and other articles of pressed or moulded glass, whether or not wired, of a kind used for building or construction purposes; multicellular or foam glass in blocks, panels, plates, shells or similar forms		10%	10.2%	22.5%	6.5%	*
10	-----Paving blocks, slabs, bricks, squares, tiles and other articles of pressed or moulded glass	-					*
20	-----Multicellular or foam glass	-					*
70.17	**Laboratory, hygienic or pharmaceutical glassware, whether or not graduated or calibrated.**						
7017.10.00.00	-Of fused quartz or other fused silica	-	11.4%	11.4%	32.5%	7.5%	*
7017.20	-Of other glass having a linear coefficient of expansion not exceeding 5x10^{-6} per Kelvin within a temperature range of 0 °C to 300 °C						
7017.20.10.00	---Beakers, dishes and jars of all kinds; bottles and flasks, of a capacity of 100 ml or greater; funnels; all of the foregoing without spigots, appendages, stopcocks or ground glass joints and designed for laboratory use	-	Free	Free	32.5%	Free	*
7017.20.90.00	---Other	-	Free	11.3%	32.5%	Free	

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7017.90.00.	-Other		11.4%	11.4%	32.5%	7.5%	*
10	-----Bottles, flasks, phials and jars	-					
90	-----Other	-					
70.18	**Glass beads, imitation pearls, imitation precious or semi-precious stones and similar glass smallwares, and articles thereof other than imitation jewellery; glass eyes other than prosthetic articles; statuettes and other ornaments of lamp-worked glass, other than imitation jewellery; glass microspheres not exceeding 1 mm in diameter.**						
7018.10	-Glass bead, imitation pearls, imitation precious or semi-precious stones and similar glass smallwares						
7018.10.10.00	---Glass beads, of a kind designed for cleaning, peening or surface finishing	-	10%	12.5%	22.5%	8%	*
7018.10.20.00	---Glass beads, of a kind designed for hand-made articles	-	Free	Free	22.5%	Free	*
7018.10.30.00	---Imitation precious or semi-precious stones, not mounted nor set	-	Free	Free	10%	Free	*
7018.10.40.00	---Imitation pearls	-	6.8%	6.8%	10%	4.5%	
7018.10.90.00	---Other	-	10%	17.5%	22.5%	10%	
7018.20.00.00	-Glass microspheres not exceeding 1 mm in diameter	-	10%	10.2%	22.5%	6.5%	
7018.90	-Other						
7018.90.10.00	---Ornaments of lamp-worked glass, imported by manufacturers of silverware, to be used in receptacles made of or electro-plated with precious metals or to be equipped with tops made of or electro-plated with precious metals	-	Free	Free	22.5%	Free	*
7018.90.90.	---Other glass smallware and articles thereof; glass eyes; other ornaments of lamp-worked glass		10.2%	10.2%	30%	6.5%	*
10	-----Statuettes	-					
90	-----Other	-					

TABLE 70.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
70.19	Glass fibres (including glass wool) and articles thereof (for example, yarn, woven fabrics).						
7019.10	-Slivers, rovings, yarn and chopped strands						
7019.10.10.00	---Slivers and chopped strands	kg	5%	8.5%	15%	5%	
	---Rovings and yarn						
7019.10.21.00	----Yarn, wholly of glass filaments, for use in the manufacture of woven tire fabrics	kg	12.5%	12.5%	35% and 44¢/kg	-	*
7019.10.29.	----Other rovings and yarns		15%	15%	35% and 44¢/kg	10%	*
10	-----Rovings	kg					*
20	-----Yarns	kg					*
7019.20	-Woven fabrics, including narrow fabrics						
7019.20.10.	---Of a kind used in the manufacture of tires		15%	15.1%	45% and 88.2¢/kg	-	
	-----Coated or dipped						
11	------Chafer fabric	kg					
19	------Other	kg					*
20	-----Not coated nor dipped	kg					*
7019.20.90.	---Other woven fabrics		22.5%	25%	55%	-	*
	-----Tape						
11	------Reinforcing	kg					*
18	------Other tape, electrical	kg					*
19	------Other tape	kg					*
	-----Other than tape, coated or dipped						
21	------Vinyl coated	kg					*
29	------Other	kg					*
	-----Other than tape, not coated nor dipped						
31	------Belting fabric	kg					
32	------Drapery fabric, broad woven	kg					
33	------Roving fabric	kg					
34	------Reinforcing fabric	kg					
35	------Filter fabric	kg					
39	------Other	kg					
	-Thin sheets (voiles), webs, mats, mattresses, boards and similar nonwoven products						
7019.31	--Mats						*
7019.31.10.00	---Wholly of glass fibre	kg	15%	15%	50%	10%	*
7019.31.90.00	---Other	kg	20%	25%	50%	-	*
7019.32.00.00	--Thin sheets (voiles)	kg	20%	25%	50%	-	

TABLE 70.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7019.39.00.	--Other		10.2%	10.2%	25%	6.5%	
10	-----Ceiling tiles	m^2					
90	-----Other webs, mattresses, boards and similar nonwoven products	-					*
7019.90	-Other glass fibres and articles thereof						*
7019.90.10.	---Other woven, knitted or braided articles		20%	25%	55%	-	
10	-----Curtains and drapes	kg					
	-----Other woven, knitted or braided articles						*
91	------Knitted or crocheted	kg					*
99	------Other	kg					
7019.90.90.	---Other		10.2%	10.2%	25%	6.5%	
10	-----Glass wool	-					
90	-----Other	-					
70.20	**Other articles of glass.**						
7020.00.10.00	---Display bottles and articles of cut glassware	-	11.3%	11.3%	32.5%	7.5%	
7020.00.20.00	---Glassware having a linear coefficient of expansion not exceeding $5x10^{-6}$ per Kelvin within a temperature range of 0 °C to 300 °C	-	Free	Free	32.5%	Free	
7020.00.90.	---Other articles of glass		10%	10.2%	22.5%	6.5%	*
10	-----Doors	-					*
20	-----Glass door knobs	-					*
30	-----Glass furniture shoes	-					*
90	-----Other	-					

CHAPTER 70

APPENDIX

Chapter 70

GLASS AND GLASSWARE

Notes.

1. This Chapter does not cover:

   (a) Goods of heading No. 32.07 (for example, vitrifiable enamels and glazes, glass frit, other glass in the form of powder, granules or flakes);

   (b) Articles of Chapter 71 (for example, imitation jewellery);

   (c) Optical fibre cables of heading No. 85.44, electrical insulators (heading No. 85.46) or fittings of insulating material (heading No. 85.47);

   (d) Optical fibres, optically worked optical elements, hypodermic syringes, artificial eyes, thermometers, barometers, hydrometers or other articles of Chapter 90;

   (e) Lamps or lighting fittings, illuminated signs, illuminated name-plates or the like, having a permanently fixed light source, or parts thereof of heading No. 94.05;

   (f) Toys, games, sports requisites, Christmas tree ornaments or other articles of Chapter 95 (excluding glass eyes without mechanisms for dolls or for other articles of Chapter 95); or

   (g) Buttons, fitted vacuum flasks, scent or similar sprays or other articles of Chapter 96.

2. For the purpose of heading Nos. 70.03, 70.04 and 70.05:

   (a) glass is not regarded as "worked" by reason of any process it has undergone before annealing;

   (b) cutting to shape does not affect the classification of glass in sheets;

   (c) the expression "absorbent or reflecting layer" means a microscopically thin coating of metal or of a chemical compound (for example, metal oxide) which absorbs, for example, infra-red light or improves the reflecting qualities of the glass while still allowing it to retain a degree of transparency or translucency.

3. The products referred to in heading No. 70.06 remain classified in that heading whether or not they have the character of articles.

4. For the purpose of heading No. 70.19, the expression "glass wool" means:

   (a) Mineral wools with a silica (SiO_2) content not less than 60% by weight;

   (b) Mineral wools with a silica (SiO_2) content less than 60% but with an alkaline oxide (K_2O or Na_2O) content exceeding 5% by weight or a boric oxide (B_2O_3) content exceeding 2% by weight.

   Mineral wools which do not comply with the above specifications fall in heading No. 68.06.

5. Throughout the Nomenclature, the expression "glass" includes fused quartz and other fused silica.

Subheading Note.

1. For the purpose of subheading Nos. 7013.21, 7013.31 and 7013.91, the expression "lead crystal" means only glass having a minimum lead monoxide (PbO) content by weight of 24%.

APPENDIX 1: DRAFT SCHEDULE AS REFERRED TO THE BOARD

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
70.01							
7001.00		**Cullet and other waste and scrap of glass; glass in the mass.**					
7001.00.10	00	---Cullet and other waste and scrap of glass	kg	Free	Free	Free	Free
7001.00.20	00	---Glass in the mass	kg	10%	10.2%	22.5%	6.5%
70.02		**Glass in balls (other than microspheres of heading No. 70.18), rods or tubes, unworked.**					
7002.10		-Balls					
7002.10.10	00	---Imported by manufacturers of glass fibres or glass yarn, for use in the manufacture of such fibres or yarn	-	Free	Free	Free	Free
7002.10.90	00	---Other	-	11.3%	11.3%	32.5%	7.5%
7002.20.00	00	-Rods	-	10%	10.2%	22.5%	6.5%
		-Tubes:					
7002.31.00	00	--Of fused quartz or other fused silica	-	Free	Free	10%	Free
7002.32.00	00	--Of other glass having a linear coefficient of expansion not exceeding 5×10^{-6} per Kelvin within a temperature range of 0°C to 300°C	-	Free	Free	10%	Free
7002.39.00	00	--Other	-	Free	Free	10%	Free
70.03		**Cast glass and rolled glass, in sheets or profiles, whether or not having an absorbent or reflecting layer, but not otherwise worked.**					
		-Non-wired sheets:					
7003.11		--Coloured throughout the mass (body tinted), opacified, flashed or having an absorbent or reflecting layer					
7003.11.10		---Not having an absorbent or reflecting layer		Free	5%	15%	Free
	10	-----*White*	m²				
	90	-----*Other*	m²				
7003.11.20		---Having an absorbent or reflecting layer		Free	6.8%	17.5%	Free
		-----*Having an absorbent layer:*					
	11	------*Of a thickness not exceeding 3mm*	m²				
	12	------*Of a thickness exceeding 3mm but not exceeding 7mm*	m²				
	13	------*Of a thickness exceeding 7mm*	m²				
		-----*Having a reflecting layer:*					
	21	------*Of a thickness not exceeding 3mm*	m²				
	22	------*Of a thickness exceeding 3mm but not exceeding 7mm*	m²				
	23	------*Of a thickness exceeding 7mm*	m²				
7003.19.00	00	--Other	m²	Free	5%	15%	Free
7003.20.00	00	-Wired sheets	m²	Free	5%	15%	Free
7003.30.00	00	-Profiles	-	Free	5%	15%	Free
70.04		**Drawn glass and blown glass, in sheets, whether or not having an absorbent or reflecting layer, but not otherwise worked.**					

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7004.10.00		-Glass, coloured throughout the mass (body tinted), opacified, flashed or having an absorbent or reflecting layer		Free	6.8%	17.5%	Free
	10	-----*Having an absorbent layer*..........	m²				
	20	-----*Having a reflecting layer*..........	m²				
	30	-----*Having neither an absorbent nor a reflecting layer*..................	m²				
7004.90.00		-Other glass...........................		Free	5.5%	17.5%	Free
	10	-----*Of a thickness not exceeding 2mm*...	m²				
	20	-----*Of a thickness exceeding 2mm but not exceeding 3mm*..................	m²				
	30	-----*Of a thickness exceeding 3mm but not exceeding 4mm*..................	m²				
	40	-----*Of a thickness exceeding 4mm*.......	m²				
70.05		**Float glass and surface ground or polished glass, in sheets, whether or not having an absorbent or reflecting layer, but not otherwise worked.**					
7005.10		-Non-wired glass, having an absorbent or reflecting layer					
7005.10.10		---Float glass.........................		Free	5.5%	17.5%	Free
	10	-----*Having an absorbent layer*..........	m²				
	20	-----*Having a reflecting layer*..........	m²				
7005.10.20		---Surface ground or polished glass.....		Free	6.8%	17.5%	Free
	10	-----*Having an absorbent layer*..........	m²				
	20	-----*Having a reflecting layer*..........	m²				
		-Other non-wired glass:					
7005.21.00	00	--Coloured throughout the mass (body tinted), opacified, flashed or merely surface ground.........................	m²	Free	4%	15%	Free
7005.29.00		--Other................................		Free	4%	15%	Free
	10	-----*X-ray plate glass*..................	m²				
		-----*Other:*					
	91	------*Of a thickness not exceeding 2mm*..	m²				
	92	------*Of a thickness exceeding 2mm but not exceeding 3mm*................	m²				
	93	------*Of a thickness exceeding 3mm but not exceeding 4mm*................	m²				
	94	------*Of a thickness exceeding 4mm but not exceeding 5mm*................	m²				
	95	------*Of a thickness exceeding 5mm but not exceeding 6mm*................	m²				
	96	------*Of a thickness exceeding 6mm but not exceeding 10mm*...............	m²				
	97	------*Of a thickness exceeding 10mm but not exceeding 14mm*..............	m²				
	98	------*Of a thickness exceeding 14mm*.....	m²				
7005.30.00	00	-Wired glass...........................	m²	Free	4%	15%	Free
70.06							
7006.00		**Glass of heading No. 70.03, 70.04 or 70.05, bent, edge-worked, engraved, drilled, enamelled or otherwise worked, but not framed or fitted with other materials.**					
7006.00.10	00	---Float glass.........................	-	Free	5.5%	17.5%	Free
7006.00.90	00	---Other...............................	-	Free	6.8%	17.5%	Free
70.07		**Safety glass, consisting of toughened (tempered) or laminated glass.**					
		-Toughened (tempered) safety glass:					

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7007.11		--Of size and shape suitable for incorporation in vehicles, aircraft, spacecraft or vessels					
		---For vehicles:					
7007.11.11	00	----Railway vehicles	-	15%	17.5%	30%	11.5%
7007.11.19	00	----Other	-	Free	9.2%	35%	Free
7007.11.20	00	---For aircraft	-	Free	Free	27.5%	Free
7007.11.30	00	---For spacecraft or vessels	-	10%	10.2%	22.5%	6.5%
7007.19.00		--Other		10%	10.2%	22.5%	6.5%
	10	-----*Having an absorbent or reflecting layer*	m^2				
		-----*Other, coloured throughout the mass:*					
	21	------*White*	m^2				
	29	------*Other*	m^2				
		-----*Other, colourless:*					
	31	------*Of a thickness not exceeding 3mm*	m^2				
	32	------*Of a thickness exceeding 3mm but not exceeding 6mm*	m^2				
	33	------*Of a thickness exceeding 6mm*	m^2				
		-Laminated safety glass:					
7007.21		--Of size and shape suitable for incorporation in vehicles, aircraft, spacecraft or vessels					
		---For vehicles:					
7007.21.11	00	----Railway vehicles	-	15%	17.5%	30%	11.5%
7007.21.19	00	----Other	-	Free	9.2%	35%	Free
7007.21.20	00	---For aircraft	-	Free	Free	27.5%	Free
7007.21.30	00	---For spacecraft or vessels	-	11.3%	11.3%	35%	Free
7007.29.00		--Other		5%	8%	22.5%	Free
		-----*Tempered:*					
	11	------*Flat*	m^2				
	19	------*Other*	m^2				
	20	-----*Not tempered*	m^2				
70.08							
7008.00.00	**00**	**Multiple-walled insulating units of glass**	No	10%	10.2%	22.5%	6.5%
70.09		**Glass mirrors, whether or not framed, including rear-view mirrors.**					
7009.10.00		-Rear-view mirrors for vehicles		Free	9.2%	35%	Free
	10	-----*Interior*	-				
		-----*Exterior:*					
	21	------*Non-braced for mounting on doors*	-				
	29	------*Other*	-				
		-Other:					
7009.91.00		--Unframed		11.3%	11.3%	30%	7.5%
	10	-----*Sheets*	m^2				
	20	-----*Tiles*	m^2				
	90	-----*Other*	-				
7009.92.00		--Framed		11.3%	11.3%	30%	7.5%
	10	-----*For motor vehicles of heading No. 87.02, 87.03, 87.04 or 87.05*	-				
	90	-----*Other*	-				
70.10		**Carboys, bottles, flasks, jars, pots, phials, ampoules and other containers, of glass, of a kind used for the conveyance or packing of goods; preserving jars of glass; stoppers, lids and other closures, of glass.**					
7010.10.00	00	-Ampoules	-	Free	Free	32.5%	Free

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7010.90		-Other					
7010.90.10		---Having a linear coefficient of expansion not exceeding $5X10^{-6}$ per Kelvin within a temperature range of 0°C to 300°C		Free	Free	32.5%	Free
	10	-----*Pharmaceutical or chemical bottles*	-				
	90	-----*Other*	-				
7010.90.90		---Other		11.3%	11.3%	32.5%	7.5%
	10	-----*Alcoholic beverage bottles*	-				
	20	-----*Pharmaceutical or chemical bottles*	-				
	30	-----*Cosmetic bottles*	-				
	40	-----*Soft drink bottles*	-				
	50	-----*Food preserve bottles and jars*	-				
	60	-----*Carboys and demijohns*	-				
		-----*Closures:*					
	71	------*Lids*	-				
	79	------*Other*	-				
	90	-----*Other*	-				
70.11		**Glass envelopes (including bulbs and tubes), open, and glass parts thereof, without fittings, for electric lamps, cathode-ray tubes or the like.**					
7011.10.00		-For electric lighting		10%	10.2%	22.5%	6.5%
	10	-----*Glass envelopes for electric light bulbs*	-				
	90	-----*Other*	-				
7011.20.00		-For cathode-ray tubes		Free	Free	25%	Free
	10	-----*Duds, without fittings*	No				
	90	-----*Other*	-				
7011.90		-Other					
7011.90.10	00	---For electron tubes	-	Free	Free	25%	Free
7011.90.90	00	---Other	-	10%	10.2%	22.5%	6.5%
70.12							
7012.00		**Glass inners for vacuum flasks or for other vacuum vessels.**					
7012.00.10	00	---Single wall hollow shapes of glass, not silvered	-	Free	Free	32.5%	Free
7012.00.90	00	---Other	-	11.3%	11.3%	32.5%	7.5%
70.13		**Glassware of a kind used for table, kitchen, toilet, office, indoor decoration or similar purposes (other than that of heading No. 70.10 or 70.18).**					
7013.10.00		-Of glass-ceramics		10%	20%	32.5%	10%
	10	-----*Tumblers*	-				
	90	-----*Other*	-				
		-Drinking glasses other than of glass-ceramics:					
7013.21.00		--Of lead crystal		10%	11.3%	32.5%	7.5%
	10	-----*Tumblers*	-				
	20	-----*Stemware*	-				
7013.29		--Other					
7013.29.10		---Cut glassware		10%	11.3%	32.5%	7.5%
	10	-----*Tumblers*	-				
	20	-----*Stemware*	-				
7013.29.90		---Other		15%	20%	32.5%	13%
	10	-----*Tumblers*	-				
	20	-----*Stemware*	-				

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
		-Glassware of a kind used for table (other than drinking glasses) or kitchen purposes other than of glass-ceramics:					
7013.31.00		--Of lead crystal........................		10%	11.3%	32.5%	7.5%
	10	-----*Decanters*............................	-				
	90	-----*Other*................................	-				
7013.32.00		--Of glass having a linear co-efficient of expansion not exceeding 5×10^{-6} per Kelvin within a temperature range of 0°C to 300°C........................		Free	Free	Free	Free
	10	-----*Cooking utensils*.....................	-				
	20	-----*Parts of cooking utensils*..........	-				
	90	-----*Other*................................	-				
7013.39		--Other					
7013.39.10		---Cut glassware.........................		11.3%	11.3%	32.5%	7.5%
	10	-----*Decanters*............................	-				
	20	-----*Cookie jars*..........................	-				
	30	-----*Trays*................................	-				
	40	-----*Food preparation and storage utensils*..........................	-				
	90	-----*Other*................................	-				
7013.39.90		---Other................................		15%	20%	32.5%	13%
	10	-----*Decanters*............................	-				
	20	-----*Cooking utensils*.....................	-				
	90	-----*Other*................................	-				
		-Other glassware:					
7013.91		--Of lead crystal					
7013.91.10		---Cut glassware.........................		10%	11.3%	32.5%	7.5%
	10	-----*Bowls*................................	-				
	20	-----*Vases*................................	-				
	90	-----*Other*................................	-				
7013.91.90		---Other................................		10%	10.2%	22.5%	6.5%
	10	-----*Bowls*................................	-				
	20	-----*Vases*................................	-				
	90	-----*Other*................................	-				
7013.99		--Other					
7013.99.10		---Cut glassware.........................		11.3%	11.3%	32.5%	7.5%
	10	-----*Ash trays*............................	-				
	20	-----*Bowls*................................	-				
	30	-----*Vases*................................	-				
	90	-----*Other*................................	-				
7013.99.90		---Other................................		10%	10.2%	22.5%	6.5%
	10	-----*Ash trays*............................	-				
	20	-----*Bowls excluding fish bowls*.........	-				
	30	-----*Fish bowls*...........................	-				
	40	-----*Vases*................................	-				
	50	-----*Decorative ware*......................	-				
	90	-----*Other*................................	-				
70.14							
7014.00.00		**Signalling glassware and optical elements of glass (other than those of heading No. 70.15), not optically worked**..................................		Free	Free	30%	Free
	10	-----*Blanks for reflectors or refractors*	-				
	20	-----*Other optical lens blanks*..........	-				
	30	-----*Other lens blanks*..................	-				
	40	-----*Fresnel lenses for lamps*...........	-				
	90	-----*Other*................................	-				

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
70.15		**Clock or watch glasses and similar glasses, glasses for non-corrective or corrective spectacles, curved, bent, hollowed or the like, not optically worked; hollow glass spheres and their segments, for the manufacture of such glasses.**					
7015.10.00		-Glasses for corrective spectacles......		10.2%	10.2%	22.5%	6.5%
	10	-----*Lens blanks*........................	-				
	90	-----*Other*..............................	-				
7015.90		-Other					
7015.90.10	00	---For safety goggles and safety spectacles designed for eye protection of workers employed in hazardous work......................	-	Free	Free	Free	Free
7015.90.90		---Other.................................		10%	10.2%	45%	7.5%
	10	-----*Blanks for clocks*..................	-				
	20	-----*Watch crystals*.....................	-				
	90	-----*Other*..............................	-				
70.16		**Paving blocks, slabs, bricks, squares, tiles and other articles of pressed or moulded glass, whether or not wired, of a kind used for building or construction purposes; glass cubes and other glass smallwares, whether or not on a backing, for mosaics or similar decorative purposes; leaded lights and the like; multicellular or foam glass in blocks, panels, plates, shells or similar forms.**					
7016.10.00	00	-Glass cubes and other glass smallwares, whether or not on a backing, for mosaics or similar decorative purposes...................	-	10%	10.2%	22.5%	6.5%
7016.90		-Other					
7016.90.10		---Leaded lights and the like...........		5.5%	5.5%	17.5%	3.5%
	10	-----*Windows*............................	-				
	90	-----*Other*..............................	-				
7016.90.90		---Other................................		10%	10.2%	22.5%	6.5%
	10	-----*Paving blocks, slabs, bricks, squares, tiles and other articles of pressed or moulded glass, of a kind used for building or construction purposes*..............	-				
	20	-----*Multicellular or foam glass in blocks, panels, plates, shells or similar forms*......................	-				
70.17		**Laboratory, hygienic or pharmaceutical glassware, whether or not graduated or calibrated.**					
7017.10.00	00	-Of fused quartz or other fused silica..	-	11.3%	11.3%	32.5%	7.5%
7017.20		-Of other glass having a linear coefficient of expansion not exceeding 5×10^{-6} per Kelvin within a temperature range of 0°C to 300°C					

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7017.20.10	00	---Designed for laboratory use, namely: beakers, dishes and jars of all kinds, bottles and flasks 100ml or greater in capacity, funnels, but excluding those with spigots, appendages, stopcocks and ground glass joints	-	Free	Free	32.5%	Free
7017.20.90	00	---Other	-	Free	11.3%	32.5%	Free
7017.90.00		-Other		11.3%	11.3%	32.5%	7.5%
	10	-----*Bottles, flasks, phials and jars*	-				
	90	-----*Other*	-				
70.18		**Glass beads, imitation pearls, imitation precious or semi-precious stones and similar glass smallwares, and articles thereof other than imitation jewellery; glass eyes other than prosthetic articles; statuettes and other ornaments of lamp-worked glass, other than imitation jewellery; glass microspheres not exceeding 1mm in diameter.**					
7018.10		-Glass beads, imitation pearls, imitation precious or semi-precious stones and similar glass smallwares					
7018.10.10	00	---Glass beads, of the type designed for cleaning, peening or surface finishing	-	10%	12.5%	22.5%	8%
7018.10.20	00	---Glass beads, of the type designed for handmade articles	-	Free	Free	22.5%	Free
7018.10.30	00	---Imitation precious or semi-precious stones, not mounted or set	-	Free	Free	10%	Free
7018.10.40	00	---Imitation pearls	-	6.8%	6.8%	10%	4.5%
7018.10.90	00	---Other	-	10%	17.5%	22.5%	10%
7018.20.00	00	-Glass microspheres not exceeding 1mm in diameter	-	10%	10.2%	22.5%	6.5%
7018.90		-Other					
7018.90.10	00	---Ornaments of lamp-worked glass, imported by manufacturers of silverware to be used in receptacles made of or electro-plated with precious metals or to be equipped with tops made of or electro-plated with precious metals	-	Free	Free	22.5%	Free
7018.90.90		---Other		10.2%	10.2%	30%	6.5%
	10	-----*Statuettes*	-				
	90	-----*Other*	-				
70.19		**Glass fibres (including glass wool) and articles thereof (for example, yarn, woven fabrics).**					
7019.10		-Slivers, rovings, yarn and chopped strands					
7019.10.10	00	---Slivers and chopped strands	kg	5%	8.5%	15%	5%
		---Rovings and yarn:					
7019.10.21	00	----Yarn, wholly of glass filaments for use in the manufacture of woven tire fabrics	kg	12.5%	12.5%	35% and 44¢/kg	-

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7019.10.29		----Other		15%	15%	35% and 44¢/kg	10%
	10	-----*Yarns and cords*	kg				
	20	-----*Rovings*	kg				
7019.20		-Woven fabrics, including narrow fabrics					
7019.20.10		---Of a kind used in the manufacture of tires		15%	15.1%	45% and 88.2¢/kg	-
		-----*Coated or dipped:*					
	11	------*Chafer fabric*	kg				
	12	------*Rubber*	kg				
	19	------*Other*	kg				
	20	-----*Not coated or dipped*	kg				
7019.20.90		---Other		22.5%	25%	55%	-
		-----*Tape:*					
	11	------*Reinforcing*	kg				
	12	------*Electrical*	kg				
	19	------*Other*	kg				
		-----*Other, coated or dipped:*					
	21	------*Vinyl coated*	kg				
	29	------*Other*	kg				
		-----*Other, not coated or dipped:*					
	31	------*Belting fabric*	kg				
	32	------*Drapery fabric, broad woven*	kg				
	33	------*Roving fabric*	kg				
	34	------*Reinforcing fabric*	kg				
	35	------*Filter fabric*	kg				
	39	------*Other*	kg				
		-Thin sheets (voiles), webs, mats, mattresses, boards and similar nonwoven products:					
7019.31.00		--Mats		20%	25%	50%	-
	10	-----*Continuous strand*	kg				
	90	-----*Other*	kg				
7019.32.00	00	--Thin sheets (voiles)	kg	20%	25%	50%	-
7019.39.00		--Other		10.2%	10.2%	25%	6.5%
	10	-----*Ceiling tiles*	m^2				
	90	-----*Other*	-				
7019.90		-Other					
7019.90.10		---Other woven, knitted or braided articles		20%	25%	55%	-
	10	-----*Curtains and drapes*	kg				
		-----*Other:*					
	91	------*Knitted*	kg				
	99	------*Other*	kg				
7019.90.90		---Other		10.2%	10.2%	25%	6.5%
	10	-----*Glass wool*	-				
	90	-----*Other*	-				
70.20							
7020.00		**Other articles of glass.**					
7020.00.10	00	---Display bottles and articles of cut glassware	-	11.3%	11.3%	32.5%	7.5%
7020.00.20	00	---Glassware having a linear coefficient of expansion not exceeding 5X10^{-6} per Kelvin within a temperature range of 0°C to 300°C	-	Free	Free	32.5%	Free
7020.00.90		---Other		10%	10.2%	22.5%	6.5%
	10	-----*Doors with wooden or metal frames*	-				
	90	-----*Other*	-				

SECTION XIV

NATURAL OR CULTURED PEARLS, PRECIOUS OR SEMI-PRECIOUS STONES, PRECIOUS METALS, METALS CLAD WITH PRECIOUS METAL AND ARTICLES THEREOF; IMITATION JEWELLERY; COIN

Section XIV

NATURAL OR CULTURED PEARLS, PRECIOUS OR SEMI-PRECIOUS STONES, PRECIOUS METALS, METALS CLAD WITH PRECIOUS METAL, AND ARTICLES THEREOF; IMITATION JEWELLERY; COIN

(No Legal Notes were received and no Canadian Legal Notes are recommended for this Section)

REPORT FOR
CHAPTER 71

CHAPTER 71

Natural or Cultured Pearls, Precious or Semi-precious Stones, Precious Metals, Metals Clad with Precious Metal, and Articles Thereof; Imitation Jewellery; Coin

A. Introduction

Proposed Chapter 71 incorporates, in whole or in part, 57 items of the Customs Tariff, as listed below:

21110-1	Andalusite, kyanite, sillimanite, crude ... ground
29600-1	Flint ... feldspar ... fluorspar; mica schist ... Cornwall stone ...
29625-1	Feldspar, ground but not further manufactured
29640-1	Ground feldspar for use in Canadian manufactures
29650-1	Mica, phlogopite and muscovite, unmanufactured ...
29700-1	Silex or crystallized quartz, ground or unground
	Quartz, piezoelectric:
*29705-1	Not further processed than cut into slabs or blanks ...
29800-1	Pumice, calcareous tufa ... not further manufactured than ground
34605-1	Zinc or zinc alloys ... in the form of foil, ribbon, strip ...
34800-1	Copper scrap ... copper in pigs ... cathode plates of copper ...
34840-1	Scrap of copper or brass or of alloys ... copper ...
34905-1	Alloys of copper, n.o.p. ... plates, strips, bars, rod and tubes
*34911-1	Magnesium alloy ingots ... for use in ... castings
	Metals, n.o.p. not including alloys ...:
35101-1	Other than the following
35200-1	Brass and copper nails ... manufactures ... n.o.p.
35800-1	Anodes of nickel, zinc, copper, silver or gold
*35900-1	Gold and silver ... unmanufactured ... sweepings ... scrap ...
*35905-1	Scrap of gold or silver ... imported for recovery of ... content
*35910-1	Articles of gold, silver, palladium ... recovery of ... content
36000-1	Coin of any metal ... as currency ... gold coin
36100-1	Gold and silver leaf; Dutch...metal leaf; brocade and bronze powders
36200-1	Articles ... silverware, n.o.p. ... gold or silver, n.o.p.
36210-1	Toilet articles ... material of chief value is sterling silver
*36300-1	Platinum wire...platinum, palladium, iridium...in lumps, ingots...
*36400-1	Diamond dust or bort and black diamonds, for borers ...
*36500-1	Composition metal and plated metal ... watch cases ...
36505-1	Findings of metal ... imported by manufacture of jewellery ...
36510-1	Wire or strip ... imported by manufacture of jewellery ...
	Wire of all metals or alloys thereof, n.o.p.:
40122-1	Single, coated or covered
40123-1	Twisted, braided, bunched or otherwise conjoined ...
40160-1	Silver-plated ... wire ... high temperature wire ...
43877-1	Materials ... not made ... in the manufacture of (motor vehicles)
*44545-1	Materials for use in the manufacture of goods of 44544-1(1)

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* Indicates that goods under the present tariff item are classified only to this Chapter.

(1) Tariff item 44545-1 was deleted from the Customs Tariff as of April 19, 1983.

	Manufactures, articles or wares, of iron or steel ... n.o.p.:
44603-1	Other than the following
	Pins manufactured from wire of any metal:
45116-1	N.o.p.
45135-1	Buckles and ornaments of metal ... for use in ... footwear
45140-1	Buckles and ornaments ... unfinished ... for use in ...
*48900-1	Crucibles of platinum, rhodium and iridium, and covers therefor
62300-1	Musical instrument cases, fancy cases ... parts of the foregoing
62400-1	Bead ornaments ... statuettes of any material, n.o.p.
62400-2	Ornaments of amber
*64700-1	Jewellery of any material, for the adornment ... n.o.p.
*64700-2	Jewellery for the adornment ... tortoise shell
*64705-1	Unfinished jewellery ... for use in ... finished jewellery
64800-1	Precious or semi-precious stones ... pearls ... not mounted or set
*64805-1	Diamonds, unset
*64810-1	Diamonds, rough or uncut ...
65100-1	Buttons of all kinds ... and button blanks ... n.o.p.
65300-1	Brushes of all kinds, n.o.p.
65615-1	Cases for cigar and cigarette holders ...
66900-1	Corundum, n.o.p., emery and garnet ...
69105-1	Communion sets ...(Religious items)
69900-1	Botanical and entomological ... for school and public museums
71100-1	All goods not enumerated in this schedule ...
84900-1	Goods ... cost of manufacture of fertilizers ...
86100-1	Finely divided precious metals ... used ... glassware ...

B. The Board's Analysis and Recommendations

No submissions or representations were received respecting this Chapter.

As a result of the Board's examination of the draft Schedule several instances were found where the proposed rate met the criteria for restoring the current rate. At issue are subheading Nos. 7113.11, 7113.19, 7113.20 and 7117.19. All relevant goods, articles of a religious nature, classified to tariff item 69105-1, with an MFN rate of Free, would be dutiable at 13.2% upon conversion, the rate taken from tariff item 64700-1, jewellery of any material ... n.o.p. Restoration of current MFN rates can be achieved by a combination of additional tariff lines and by converting commodity lines into tariff provisions in each of these subheadings. Alternatively, tariff item 69105-1, with trade in 1980-82 of $14.6 million, could be placed in the Supplementary Annex to preserve the MFN rate of Free for the goods covered by it. While this approach would permit the deletion of some tariff lines from the proposed Schedule, the Board wishes to contain the size of the Annex and, therefore, recommends the following changes.

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* Indicates that goods under the present tariff item are classified only to this Chapter.

Delete the rates of duty under 7113.11.00, 7113.19.00 and 7113.20.00 and add the following:

			MFN Rate
7113.11	—Of silver, whether or not plated or clad with other precious metal		
7113.11.10.	---Crosses; chaplets and rosaries; medals of a religious nature		Free
10	-----Crosses	-	
20	-----Chaplets and rosaries	-	
30	-----Medals of a religious nature	-	
7113.11.90.00	---Other	-	13.3%
7113.19	—Of other precious metal, whether or not plated or clad with precious metal		
7113.19.10.	---Crosses; chaplets and rosaries; medals of a religious nature		Free
10	-----Crosses	-	
20	-----Chaplets and rosaries	-	
30	-----Medals of a religious nature	-	
7113.19.90.00	---Other	-	13.3%
7113.20	-Of base metal clad with precious metal		
7113.20.10.	---Crosses; chaplets and rosaries; medals of a religious nature		Free
10	-----Crosses	-	
20	-----Chaplets and rosaries	-	
30	-----Medals of a religious nature	-	
7113.20.90.00	---Other	-	13.3%

Delete the rates of duty under 7117.19.00 and add the following:

7117.19	—Other		
7117.19.10.00	---Unfinished or incomplete articles of imitation jewellery	-	13.3%
	---Finished or complete articles of imitation jewellery		
7117.19.21.00	----Of a religious nature	-	Free
7117.19.29.00	----Other	-	13.3%

Consequent to the Board's recommendations under Reference 159 tariff item 64700-1 was subject to a minor increase in the MFN rate, from 13.2 to 13.3 p.c. This revision is incorporated into the above restructuring shown for heading Nos. 71.13 and 71.17. Additionally, there are other lines in the draft Schedule which should also be amended to reflect this rate adjustment. As shown in Table 71.2, for tariff lines 7116.10.00, 7116.20.00 and 7117.90.00, the MFN rate has been revised from 13.2% to 13.3%.

Recommended nomenclature revisions for Chapter 71 are listed in Table 71.1.

Table 71.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
7101.10.00.10	Renumber 7101.10.00.20	2
7101.10.00.20	Renumber 7101.10.00.10	2
7101.21.00.10	Renumber 7101.21.00.20	2
7101.21.00.20	Renumber 7101.21.00.10	2
7102.21.00.10	-----Bort and coarse diamonds . . . . Bort et diamants bruts	2
7102.21.00.99	------For other uses . . . . Pour d'autres usages	3
7106.10.10.00	---Containing by weight 92.5 % or more of silver . . . . Contenant en poids 92,5 % ou plus d'argent	2
7106.10.20.00	---Contenant en poids moins de 92,5 % d'argent	2
7106.91.10.00	---Containing by weight 92.5 % or more of silver . . . . Contenant en poids 92,5 % ou plus d'argent	2
7106.91.20.00	---Contenant en poids moins de 92,5 % d'argent	2
7106.92.10	---Containing by weight 92.5 % or more of silver . . . . Contenant en poids 92,5 % ou plus d'argent	2
7106.92.20	---Contenant en poids moins de 92,5 % d'argent	2
7106.92.21.00	----Containing by weight 50 % or more of copper . . . . Contenant en poids 50 % ou plus de cuivre	2
7106.92.29	Renumber 7106.92.22. ----Containing by weight less than 50 % of copper . . . . Contenant en poids moins de 50 % de cuivre	2

TABLE 71.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7106.92.29.10	Renumber 7106.92.22.10	2
7106.92.29.90	Renumber 7106.92.22.90	2
7108.12.00.10	-----Containing by weight 99.95 % or more of gold . . . . Contenant en poids 99,95 % ou plus d'or	2
7108.12.00.20	-----Contenant en poids moins de 99,95 % d'or .	2
7108.13.10.00	---Of a purity of 10 carats or more . . . . . . D'une pureté de 10 carats ou plus	2
7108.13.20.00	---Of a purity of less than 10 carats . . . . . D'une pureté de moins de 10 carats	2
7108.13.90.00	Delete this class (no text)	2
7108.20.00.10	-----Containing by weight 99.95 % or more of gold . . . . Contenant en poids 99,95 % ou plus d'or	2
7108.20.00.20	-----Contenant en poids moins de 99,95 % d'or .	2
7110.19.00.90	-----Other semi-manufactured forms . . . . Autres formes mi-ouvrées	3
7112.10.00.10	Delete this class	5
7112.10.00.90	Delete this class	5
7112.20.00.10	Delete this class	5
7112.20.00.90	Delete this class	5
7112.90.00.10	Delete this class	5
7112.90.00.90	Delete this class	5
7114.11.10.00	---Articles of a religious nature . . . . Articles de nature religieuse	4
7114.11.90.00	---Other articles of silver and parts thereof . Autres articles en argent et leurs parties	3
7114.11.90.10	-----Tableware . . . . Pour le service de la table	1
7114.11.90.20	-----Toilet-ware . . . . Pour le service de la toilette	1
7114.11.90.30	Delete this class	5

TABLE 71.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
7114.19.10.00	---Articles of a religious nature . . . . Articles de nature religieuse	4
7114.19.90	---Other articles of other precious metal . . . Autres articles en autres métaux précieux	3
7114.19.90.10	-----Tableware . . . . Pour le service de la table	1
7114.19.90.20	-----Toilet-ware . . . . Pour le service de la toilette	1
7114.20.10.00	---Articles of a religious nature . . . . Articles de nature religieuse	4
7114.20.90	---Other articles of base metal clad with precious metal . . . . Autres articles en plaqués ou doublés de métaux précieux sur métaux communs	3
7114.20.90.10	-----Tableware . . . . Pour le service de la table	1
7114.20.90.20	-----Toilet-ware . . . . Pour le service de la toilette	1
7114.20.90.30	Delete this class	5
7115.90.90	---Other articles . . . . Autres articles	3
7118.90.00.90	-----Other coin . . . . Autres monnaies	3

Chapter 71

NATURAL OR CULTURED PEARLS, PRECIOUS OR SEMI-PRECIOUS STONES, PRECIOUS METALS, METALS CLAD WITH PRECIOUS METAL, AND ARTICLES THEREOF; IMITATION JEWELLERY; COIN

Legal Notes.

1. Subject to Note 1 (a) to Section VI and except as provided below, all articles consisting wholly or partly:

   (a) Of natural or cultured pearls or of precious or semi-precious stones (natural, synthetic or reconstructed), or

   (b) Of precious metal or of metal clad with precious metal, are to be classified in this Chapter.

2. (a) Heading Nos. 71.13, 71.14 and 71.15 do not cover articles in which precious metal or metal clad with precious metal is present as minor constituents only, such as minor fittings or minor ornamentation (for example, monograms, ferrules and rims, and paragraph (b) of the foregoing Note does not apply to such articles.*

   (b) Heading No. 71.16 does not cover articles containing precious metal or metal clad with precious metal (other than as minor constituents).

3. This Chapter does not cover:

   (a) Amalgams of precious metal, or colloidal precious metal (heading No. 28.43);

   (b) Sterile surgical suture materials, dental fillings or other goods of Chapter 30;

   (c) Articles of Chapter 32 (for example, lustres);

   (d) Handbags or other articles of heading No. 42.02 or articles of heading No. 42.03;

   (e) Articles of heading No. 43.03 or 43.04;

   (f) Goods of Section XI (textiles and textile articles);

   (g) Footwear, headgear or other articles of Chapter 64 or 65;

   (h) Umbrellas, walking-sticks or other articles of Chapter 66;

   (ij) Abrasive goods of heading No. 68.04 or 68.05 or Chapter 82, containing dust or powder of precious or semi-precious stones (natural or synthetic); articles of Chapter 82 with a working part of precious or semi-precious stones (natural, synthetic or reconstructed); machinery, mechanical appliances or electrical goods, or parts thereof, of Section XVI. However, articles and parts thereof, wholly of precious or semi-precious stones (natural, synthetic or reconstructed) remain classified in this Chapter except unmounted worked sapphires and diamonds for styli (heading No. 85.22);

   (k) Articles of Chapter 90, 91 or 92 (scientific instruments, clocks and watches, musical instruments);

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* The underlined portion of this Note constitutes an optional text.

(l) Arms or parts thereof (Chapter 93);

(m) Articles covered by Note 2 to Chapter 95;

(n) Articles of Chapter 96 other than those of heading Nos. 96.01 to 96.06 or 96.15; or

(o) Original sculptures or statuary (heading No. 97.03), collectors' pieces (heading No. 97.05) or antiques of an age exceeding one hundred years (heading No. 97.06), other than natural or cultured pearls or precious or semi-precious stones.

4. (a) The expression "precious metal" means silver, gold and platinum.

(b) The expresssion "platinum" means platinum, iridium, osmium, palladium, rhodium and ruthenium.

(c) The expression "precious or semi-precious stones" does not include any of the substances specified in Note 2 (b) to Chapter 96.

5. For the purposes of this Chapter, any alloy (including a sintered mixture and an inter-metallic compound) containing precious metal is to be treated as an alloy of precious metal if any one precious metal constitutes as much as 2 %, by weight, of the alloy. Alloys of precious metal are to be classified according to the following rules:

(a) An alloy containing 2 % or more, by weight, of platinum is to be treated as any alloy of platinum;

(b) An alloy containing 2 % or more, by weight, of gold but no platinum, or less than 2 %, by weight, of platinum, is to be treated as an alloy of gold;

(c) Other alloys containing 2 % or more, by weight, of silver are to be treated as alloys of silver.

6. Except where the context otherwise requires, any reference in the Nomenclature to precious metal or to any particular precious metal includes a reference to alloys treated as alloys of precious metal or of the particular metal in accordance with the rules in Note 5 above, but not to metal clad with precious metal or to base metal or non-metals plated with precious metal.

7. Throughout the Nomenclature the expression "metal clad with precious metal" means material made with a base of metal upon one or more surfaces of which there is affixed by soldering, brazing, welding, hot-rolling or similar mechanical means a covering of precious metal. Except where the context otherwise requires, the expression also covers base metal inlaid with precious metal.

8. For the purposes of heading No. 71.13, the expression "articles of jewellery" means:

(a) Any small objects of personal adornment (gem-set or not) (for example, rings, bracelets, necklaces, brooches, ear-rings, watch-chains, fobs, pendants, tie-pins, cuff-links, dress-studs, religious or other medals and insignia); and

(b) Articles of personal use of a kind normally carried in the pocket, in the handbag or on the person (such as cigarette cases, powder boxes, chain purses, cachou boxes).

9. For the purposes of heading No. 71.14, the expression "articles of goldsmiths' or silversmiths' wares" includes such articles as ornaments, tableware, toilet-ware, smokers' requisites and other articles of household, office or religious use.

10. For the purposes of heading No. 71.17, the expression "imitation jewellery" means articles of jewellery within the meaning of paragraph (a) of Note 8 above (but not including buttons or other articles of heading No. 96.06, or dress-combs, hair-slides or the like, and hairpins, of heading No. 96.15), not incorporating natural or cultured pearls, precious or semi-precious stones (natural, synthetic or reconstructed) nor (except as plating or as minor constituents) precious metal or metal clad with precious metal.

Subheading Legal Notes.

1. For the purposes of subheading Nos. 7106.10, 7108.11, 7110.11, 7110.21, 7110.31 and 7110.41, the expressions "powder" and "in powder form" mean products of which 90 % or more by weight passes through a sieve having a mesh aperture of 0.5 mm.

2. Notwithstanding the provisions of Chapter Note 4 (b), for the purposes of subheading Nos. 7110.11 and 7110.19, the expression "platinum" does not include iridium, osmium, palladium, rhodium or ruthenium.

3. For the classification of alloys in the subheadings of heading No. 71.10, each alloy is to be classified with that metal, platinum, palladium, rhodium, iridium, osmium or ruthenium which predominates by weight over each other of these metals.

TABLE 71.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	SUB-CHAPTER I - NATURAL OR CULTURED PEARLS AND PRECIOUS OR SEMI-PRECIOUS STONES						
71.01	**Pearls, natural or cultured, whether or not worked or graded but not strung, mounted or set; ungraded pearls, natural or cultured, temporarily strung for convenience of transport.**						
7101.10.00.	-Natural pearls		Free	Free	10%	Free	
10	-----Ungraded	-					*
20	-----Graded	-					*
	-Cultured pearls						
7101.21.00.	--Unworked		Free	Free	10%	Free	
10	-----Ungraded	-					*
20	-----Graded	-					*
7101.22.00.00	--Worked	-	Free	Free	10%	Free	
71.02	**Diamonds, whether or not worked, but not mounted or set.**						
7102.10.00.00	-Unsorted	-	Free	Free	Free	Free	
	-Industrial						
7102.21.00.	--Unworked or simply sawn, cleaved or bruted		Free	Free	Free	Free	
10	-----Bort and coarse diamonds	carat					*
	-----Other						
91	------For boring	carat					
99	------For other uses	carat					*
7102.29.00.00	--Other	carat	Free	Free	Free	Free	
	-Non-industrial						
7102.31.00.00	--Unworked or simply sawn, cleaved or bruted	carat	Free	Free	Free	Free	
7102.39.00.00	--Other	carat	Free	Free	Free	Free	

TABLE 71.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 71-6

Code or Number	Description of Goods	Unit of Meas.	Tariffs			
			BP	MFN	Gen	GP
71.03	**Precious stones (other than diamonds) and semi-precious stones, whether or not worked or graded but not strung, mounted or set; ungraded precious stones (other than diamonds) and semi-precious stones, temporarily strung for convenience of transport.**					
7103.10.00.00	-Unworked or simply sawn or roughly shaped .	-	Free	Free	25%	Free
	-Otherwise worked					
7103.91.00.00	--Rubies, sapphires and emeralds	-	Free	Free	10%	Free
7103.99.00.00	--Other	-	Free	Free	10%	Free
71.04	**Synthetic or reconstructed precious or semi-precious stones, whether or not worked or graded but not strung, mounted or set; ungraded synthetic or reconstructed precious or semi-precious stones, temporarily strung for convenience or transport.**					
7104.10.00.00	-Piezo-electric quartz	-	Free	Free	25%	Free
7104.20.00.00	-Other, unworked or simply sawn or roughly shaped	-	Free	Free	10%	Free
7104.90.00.00	-Other	-	Free	Free	10%	Free
71.05	**Dust and powder of natural or synthetic precious or semi-precious stones.**					
7105.10.00.00	-Of diamonds	carat	Free	Free	Free	Free
7105.90.00.00	-Other	kg	Free	Free	Free	Free

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	SUB-CHAPTER II - PRECIOUS METALS AND METALS CLAD WITH PRECIOUS METAL						
71.06	Silver (including silver plated with gold or platinum), unwrought or in semi-manufactured forms, or in powder form.						
7106.10	-Powder						
7106.10.10.00	---Containing by weight 92.5 % or more of silver	g	Free	4%	25%	Free	*
7106.10.20.00	---Containing by weight less than 92.5 % of silver	g	10.2%	10.2%	25%	6.5%	
	-Other						
7106.91	--Unwrought						
7106.91.10.00	---Containing by weight 92.5 % or more of silver	g	Free	Free	Free	Free	*
7106.91.20.00	---Containing by weight less than 92.5 % of silver	g	10.2%	10.2%	25%	6.5%	
7106.92	--Semi-manufactured						
	---Containing by weight 92.5 % or more of silver						*
7106.92.11.00	----In bars, sheets or plates	g	Free	Free	Free	Free	
7106.92.19.00	----Other	g	11%	11%	45%	7%	
	---Containing by weight less than 92.5 % of silver						
7106.92.21.00	----Containing by weight 50 % or more of copper	g	4%	4%	25%	2.5%	*
7106.92.22.	----Containing by weight less than 50 % of copper		10.2%	10.2%	25%	6.5%	*
10	-----Solder	g					*
90	-----Other	g					*
71.07 7107.00.00.00	Base metals clad with silver, not further worked than semi-manufactured . . .	g	10.2%	10.2%	25%	6.5%	
71.08	Gold (including gold plated with platinum) unwrought or in semi-manufactured forms, or in powder form.						
	-Non-monetary						
7108.11.00.00	--Powder	g	11%	11%	45%	7%	

TABLE 71.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 71-8

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7108.12.00.	--Other unwrought forms		Free	Free	Free	Free	
10	-----Containing by weight 99.95 % or more of gold	g					*
20	-----Containing by weight less than 99.95 % of gold	g					
7108.13	--Other semi-manufactured forms						
7108.13.10.00	---Of a purity of 10 carats or more	g	Free	Free	Free	Free	*
7108.13.20.00	---Of a purity of less than 10 carats	g	10.2%	10.2%	30%	6.5%	*
7108.20.00.	-Monetary		Free	Free	Free	Free	
10	-----Containing by weight 99.95 % or more of gold	g					*
20	-----Containing by weight less than 99.95 % of gold	g					
71.09							
7109.00.00.00	**Base metals or silver, clad with gold, not further worked than semi-manufactured**	g	10%	10.2%	25%	6.5%	
71.10	**Platinum, unwrought or in semi-manufactured forms, or in powder form.**						
	-Platinum						
7110.11.00.00	--Unwrought or in powder form	g	Free	Free	Free	Free	
7110.19.00.	--Other		Free	Free	Free	Free	
10	-----Thermocouple wire	g					
20	-----Pipes and tubes	g					
90	-----Other semi-manufactured forms	g					*
	-Palladium						
7110.21.00.00	--Unwrought or in powder form	g	Free	Free	Free	Free	
7110.29.00.00	--Other	g	Free	Free	Free	Free	
	-Rhodium						
7110.31.00.00	--Unwrought or in powder form	g	Free	Free	Free	Free	
7110.39.00.00	--Other	g	Free	Free	Free	Free	
	-Iridium, osmium and ruthenium						
7110.41.00.	--Unwrought or in powder form		Free	Free	Free	Free	
10	-----Iridium	g					
20	-----Osmium	g					
30	-----Ruthenium	g					
7110.49.00.	--Other		Free	Free	Free	Free	
10	-----Iridium	g					
20	-----Osmium	g					
30	-----Ruthenium	g					

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
71.11 7111.00.00.00	**Base metals, silver or gold, clad with platinum, not further worked than semi-manufactured**	g	10.2%	10.2%	25%	6.5%	
71.12	**Waste and scrap of precious metal or of metal clad with precious metal.**						
7112.10.00.00	-Of gold, including metal clad with gold but excluding sweepings containing other precious metals	kg	Free	Free	25%	Free	*
7112.20.00.00	-Of platinum, including metal clad with platinum but excluding sweepings containing other precious metals	kg	Free	Free	25%	Free	*
7112.90.00.00	-Other	kg	Free	Free	25%	Free	*
	SUB-CHAPTER III - JEWELLERY, GOLDSMITHS' AND SILVERSMITHS' WARES AND OTHER ARTICLES						
71.13	**Articles of jewellery and parts thereof, of precious metal or of metal clad with precious metal.**						
	-Of precious metal whether or not plated or clad with precious metal						
7113.11	--Of silver, whether or not plated or clad with other precious metal						*
7113.11.10.	---Crosses; chaplets and rosaries; medals of a religious nature		Free	Free	Free	Free	*
10	-----Crosses	-					*
20	-----Chaplets and rosaries	-					*
30	-----Medals of a religious nature	-					*
7113.11.90.00	---Other	-	13.3%	13.3%	45%	8.5%	*
7113.19	--Of other precious metal, whether or not plated or clad with precious metal						*
7113.19.10.	Crosses; chaplets and rosaries; medals of a religious nature		Free	Free	Free	Free	*
10	-----Crosses	-					*
20	-----Chaplets and rosaries	-					*
30	-----Medals of a religious nature	-					*
7113.19.90.00	---Other	-	13.3%	13.3%	45%	8.5%	*

TABLE 71.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 71-10

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7113.20	-Of base metal clad with precious metal						*
7113.20.10.	---Crosses; chaplets and rosaries; medals of a religious nature		Free	Free	Free	Free	*
10	-----Crosses	-					*
20	-----Chaplets and rosaries	-					*
30	-----Medals of a religious nature	-					*
7113.20.90.00	---Other	-	13.3%	13.3%	45%	8.5%	*
71.14	**Articles of goldsmiths' or silversmiths' wares and parts thereof, of precious metal or of metal clad with precious metal.**						
	-Of precious metal whether or not plated or clad with precious metal						
7114.11	--Of silver, whether or not plated or clad with other precious metal						
7114.11.10.00	---Articles of a religious nature	-	Free	Free	Free	Free	*
7114.11.90.	---Other articles of silver and parts thereof		11%	11%	45%	7%	*
10	-----Tableware	-					*
20	-----Toilet-ware	-					*
90	-----Other	-					
7114.19	--Of other precious metal, whether or not plated or clad with precious metal						
7114.19.10.00	---Articles of a religious nature	-	Free	Free	Free	Free	*
7114.19.90.	---Other articles of other precious metal .		11%	11%	45%	7%	*
10	-----Tableware	-					*
20	-----Toilet-ware	-					*
90	-----Other	-					
7114.20	-Of base metal clad with precious metal						
7114.20.10.00	---Articles of a religious nature	-	Free	Free	Free	Free	*
7114.20.90.	---Other articles of base metal clad with precious metal		11%	11%	45%	7%	*
10	-----Tableware	-					*
20	-----Toilet-ware	-					*
90	-----Other	-					
71.15	**Other articles of precious metal or of metal clad with precious metal.**						
7115.10.00.00	-Catalysts in the form of wire cloth or grill, of platinum	g	10.2%	10.2%	25%	6.5%	

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7115.90	-Other						
7115.90.10.	---Anodes of silver or gold; crucibles of platinum		Free	Free	10%	Free	
10	-----Anodes of silver or gold	g					
20	-----Crucibles of platinum	g					
7115.90.90.	---Other articles		11%	11%	45%	7%	*
10	-----Of silver	g					
20	-----Of gold	g					
30	-----Of platinum	g					
71.16	**Articles of natural or cultured pearls, precious or semi-precious stones (natural, synthetic or reconstructed).**						
7116.10.00.00	-Of natural or cultured pearls	-	13.3%	13.3%	45%	8.5%	*
7116.20.00.00	-Of precious or semi-precious stones (natural, synthetic or reconstructed)	-	13.3%	13.3%	45%	8.5%	*
71.17	**Imitation jewellery**						
	-Of base metal, whether or not plated with precious metal						
7117.11.00.00	--Cuff-links and studs	gross	12.6%	12.6%	35%	8%	
7117.19	--Other						*
7117.19.10.00	---Unfinished or incomplete articles of imitation jewellery	-	13.3%	13.3%	45%	8.5%	*
	---Finished or complete articles of imitation jewellery						*
7117.19.21.00	----Of a religious nature	-	Free	Free	Free	Free	*
7117.19.29.00	----Other	-	13.3%	13.3%	45%	8.5%	*
7117.90.00.00	-Other	-	13.3%	13.3%	45%	8.5%	*
71.18	**Coin.**						
7118.10.00.00	-Coin (other than gold coin), not being legal tender	-	10.2%	10.2%	35%	6.5%	
7118.90.00.	-Other		Free	Free	Free	Free	
10	-----Gold coin	-					
	-----Other coin						*
91	------Canadian coins	-					
99	------Other	-					

CHAPTER 71

APPENDIX

Chapter 71

NATURAL OR CULTURED PEARLS, PRECIOUS OR SEMI-PRECIOUS STONES, PRECIOUS METALS, METALS CLAD WITH PRECIOUS METAL, AND ARTICLES THEREOF; IMITATION JEWELLERY; COIN

Notes.

1. Subject to Note 1 (a) to Section VI and except as provided below, all articles consisting wholly or partly:

   (a) Of natural or cultured pearls or of precious or semi-precious stones (natural, synthetic or reconstructed), or

   (b) Of precious metal or of metal clad with precious metal,

   are to be classified in this Chapter.

2. (a) Heading Nos. 71.13, 71.14 and 71.15 do not cover articles in which precious metal or metal clad with precious metal is present as minor constituents only, such as minor fittings or minor ornamentation (for example, monograms, ferrules and rims), *and paragraph (b) of the foregoing Note does not apply to such articles (*).*

   (b) Heading No. 71.16 does not cover articles containing precious metal or metal clad with precious metal (other than as minor constituents).

3. This Chapter does not cover:

   (a) Amalgams of precious metal, or colloidal precious metal (heading No. 28.43);

   (b) Sterile surgical suture materials, dental fillings or other goods of Chapter 30;

   (c) Articles of Chapter 32 (for example, lustres);

   (d) Handbags or other articles of heading No. 42.02 or articles of heading No. 42.03;

   (e) Articles of heading No. 43.03 or 43.04;

   (f) Goods of Section XI (textiles and textile articles);

   (g) Footwear, headgear or other articles of Chapter 64 or 65;

   (h) Umbrellas, walking-sticks or other articles of Chapter 66;

   (ij) Abrasive goods of heading No. 68.04 or 68.05 or Chapter 82, containing dust or powder of precious or semi-precious stones (natural or synthetic); articles of Chapter 82 with a working part of precious or semi-precious stones (natural, synthetic or reconstructed); machinery, mechanical appliances or electrical goods, or parts thereof, of Section XVI. However, articles and parts thereof, wholly of precious or semi-precious stones (natural, synthetic or reconstructed) remain classified in this Chapter, except unmounted worked sapphires and diamonds for styli (heading No. 85.22);

   (k) Articles of Chapter 90, 91 or 92 (scientific instruments, clocks and watches, musical instruments);

   (l) Arms or parts thereof (Chapter 93);

   (m) Articles covered by Note 2 to Chapter 95;

   (n) Articles of Chapter 96 other than those of heading Nos. 96.01 to 96.06 or 96.15; or

   (o) Original sculptures or statuary (heading No. 97.03), collectors' pieces (heading No. 97.05) or antiques of an age exceeding one hundred years (heading No. 97.06), other than natural or cultured pearls or precious or semi-precious stones.

   (*) The italicized portion of this Note constitutes an optional text.

4. (a) The expression "precious metal" means silver, gold and platinum.

(b) The expression "platinum" means platinum, iridium, osmium, palladium, rhodium and ruthenium.

(c) The expression "precious or semi-precious stones" does not include any of the substances specified in Note 2 (b) to Chapter 96.

5. For the purpose of this Chapter, any alloy (including a sintered mixture and an inter-metallic compound) containing precious metal is to be treated as an alloy of precious metal if any one precious metal constitutes as much as 2%, by weight, of the alloy. Alloys of precious metal are to be classified according to the following rules:

(a) An alloy containing 2% or more, by weight, of platinum is to be treated as an alloy of platinum;

(b) An alloy containing 2% or more, by weight, of gold but no platinum, or less than 2%, by weight, of platinum, is to be treated as an alloy of gold;

(c) Other alloys containing 2% or more, by weight, of silver are to be treated as alloys of silver.

6. Except where the context otherwise requires, any reference in the Nomenclature to precious metal or to any particular precious metal includes a reference to alloys treated as alloys of precious metal or of the particular metal in accordance with the rules in Note 5 above, but not to metal clad with precious metal or to base metal or non-metals plated with precious metal.

7. Throughout the Nomenclature the expression "metal clad with precious metal" means material made with a base of metal upon one or more surfaces of which there is affixed by soldering, brazing, welding, hot-rolling or similar mechanical means a covering of precious metal. Except where the context otherwise requires, the expression also covers base metal inlaid with precious metal.

8. For the purpose of heading No. 71.13, the expression "articles of jewellery" means:

(a) Any small objects of personal adornment (gem-set or not) (for example, rings, bracelets, necklaces, brooches, ear-rings, watch-chains, fobs, pendants, tie-pins, cuff-links, dress-studs, religious or other medals and insignia); and

(b) Articles of personal use of a kind normally carried in the pocket, in the handbag or on the person (such as cigarette cases, powder boxes, chain purses, cachou boxes).

9. For the purpose of heading No. 71.14, the expression "articles of goldsmiths' or silversmiths' wares" includes such articles as ornaments, tableware, toilet-ware, smokers' requisites and other articles of household, office or religious use.

10. For the purpose of heading No. 71.17, the expression "imitation jewellery" means articles of jewellery within the meaning of paragraph (a) of Note 8 above (but not including buttons or other articles of heading No. 96.06, or dress-combs, hair-slides or the like, and hairpins, of heading No. 96.15), not incorporating natural or cultured pearls, precious or semi-precious stones (natural, synthetic or reconstructed) nor (except as plating or as minor constituents) precious metal or metal clad with precious metal.

Subheading Notes.

1. For the purpose of subheading Nos. 7106.10, 7108.11, 7110.11, 7110.21, 7110.31 and 7110.41, the expressions "powder" and "in powder form" mean products of which 90% or more by weight passes through a sieve having a mesh aperture of 0.5mm.

2. Notwithstanding the provisions of Chapter Note 4 (b), for the purpose of subheading Nos. 7110.11 and 7110.19, the expression "platinum" does not include iridium, osmium, palladium, rhodium or ruthenium.

3. For the classification of alloys in the subheading of heading No. 71.10, each alloy is to be classified with that metal, platinum, palladium, rhodium, iridium, osmium or ruthenium which predominates by weight over each other of these metals.

Supplementary Note.

1. For the purpose of this Chapter, the following sub-Chapters apply:

   I - NATURAL OR CULTURED PEARLS AND PRECIOUS OR SEMI-PRECIOUS STONES (heading Nos. 71.01 to 71.05)

   II. - PRECIOUS METALS AND METALS CLAD WITH PRECIOUS METAL (heading Nos. 71.06 to 71.12)

   III. - JEWELLERY, GOLDSMITHS' AND SILVERSMITHS' WARES AND OTHER ARTICLES (heading Nos. 71.13 to 71.18)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
71.01		**Pearls, natural or cultured, whether or not worked or graded but not strung, mounted or set; ungraded pearls, natural or cultured, temporarily strung for convenience of transport.**					
7101.10.00		-Natural pearls		Free	Free	10%	Free
	10	-----*Graded*	-				
	20	-----*Ungraded*	-				
		-Cultured pearls:					
7101.21.00		--Unworked		Free	Free	10%	Free
	10	-----*Graded*	-				
	20	-----*Ungraded*	-				
7101.22.00	00	--Worked	-	Free	Free	10%	Free
71.02		**Diamonds, whether or not worked, but not mounted or set.**					
7102.10.00	00	-Unsorted	-	Free	Free	Free	Free
		-Industrial:					
7102.21.00		--Unworked or simply sawn, cleaved or bruted		Free	Free	Free	Free
	10	-----*Bort or coarse diamonds*	carat				
		-----*Other:*					
	91	------*For boring*	carat				
	99	------*Other*	carat				
7102.29.00	00	--Other	carat	Free	Free	Free	Free
		-Non-industrial:					
7102.31.00	00	--Unworked or simply sawn, cleaved or bruted	carat	Free	Free	Free	Free
7102.39.00	00	--Other	carat	Free	Free	Free	Free
71.03		**Precious stones (other than diamonds) and semi-precious stones, whether or not worked or graded but not strung, mounted or set; ungraded precious stones (other than diamonds) and semi-precious stones, temporarily strung for convenience of transport.**					
7103.10.00	00	-Unworked or simply sawn or roughly shaped	-	Free	Free	25%	Free
		-Otherwise worked:					
7103.91.00	00	--Rubies, sapphires and emeralds	-	Free	Free	10%	Free
7103.99.00	00	--Other	-	Free	Free	10%	Free
71.04		**Synthetic or reconstructed precious or semi-precious stones, whether or not worked or graded but not strung, mounted or set; ungraded synthetic or reconstructed precious or semi-precious stones, temporarily strung for convenience of transport.**					
7104.10.00	00	-Piezo-electric quartz	-	Free	Free	25%	Free
7104.20.00	00	-Other, unworked or simply sawn or roughly shaped	-	Free	Free	10%	Free
7104.90.00	00	-Other	-	Free	Free	10%	Free

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
71.05		**Dust and powder of natural or synthetic precious or semi-precious stones.**					
7105.10.00	00	-Of diamonds..............................	carat	Free	Free	Free	Free
7105.90.00	00	-Other..................................	kg	Free	Free	Free	Free
71.06		**Silver (including silver plated with gold or platinum), unwrought or in semi-manufactured forms, or in powder form.**					
7106.10		-Powder					
7106.10.10	00	---Containing by weight not less than 92.5% of silver.....................	g	Free	4%	25%	Free
7106.10.20	00	---Containing by weight less than 92.5% of silver..........................	g	10.2%	10.2%	25%	6.5%
		-Other:					
7106.91		--Unwrought					
7106.91.10	00	---Containing by weight not less than 92.5% of silver.....................	g	Free	Free	Free	Free
7106.91.20	00	---Containing by weight less than 92.5% of silver..........................	g	10.2%	10.2%	25%	6.5%
7106.92		--Semi-manufactured					
		---Containing by weight not less than 92.5% of silver:					
7106.92.11	00	----In bars, sheets or plates...........	g	Free	Free	Free	Free
7106.92.19	00	----Other................................	g	11%	11%	45%	7%
		---Containing by weight less than 92.5% of silver:					
7106.92.21	00	----Containing by weight not less than 50% of copper......................	g	4%	4%	25%	2.5%
7106.92.29		----Other................................		10.2%	10.2%	25%	6.5%
	10	-----*Solder*............................	g				
	90	-----*Other*.............................	g				
71.07							
7107.00.00	00	**Base metals clad with silver, not further worked than semi-manufactured...**	g	10.2%	10.2%	25%	6.5%
71.08		**Gold (including gold plated with platinum) unwrought or in semi-manufactured forms, or in powder form.**					
		-Non-monetary:					
7108.11.00	00	--Powder.................................	g	11%	11%	45%	7%
7108.12.00		--Other unwrought forms..................		Free	Free	Free	Free
	10	-----*Containing by weight not less than 99.95% of gold*....................	g				
	20	-----*Containing by weight less than 99.95% of gold*....................	g				
7108.13		--Other semi-manufactured forms					
7108.13.10	00	---Not less than 10 carat fine..........	g	Free	Free	Free	Free
7108.13.20	00	---Less than 10 carat fine..............	g	10.2%	10.2%	30%	6.5%
7108.20.00		-Monetary................................		Free	Free	Free	Free
	10	-----*Containing by weight not less than 99.95% of gold*....................	g				
	20	-----*Containing by weight less than 99.95% of gold*....................	g				

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
71.09							
7109.00.00	00	**Base metals or silver, clad with gold, not further worked than semi-manufactured**	g	10%	10.2%	25%	6.5%
71.10		**Platinum, unwrought or in semi-manufactured forms, or in powder form.**					
		-Platinum:					
7110.11.00	00	--Unwrought or in powder form	g	Free	Free	Free	Free
7110.19.00		--Other		Free	Free	Free	Free
	10	-----*Thermocouple wire*	g				
	20	-----*Pipes and tubes*	g				
	90	-----*Other*	g				
		-Palladium:					
7110.21.00	00	--Unwrought or in powder form	g	Free	Free	Free	Free
7110.29.00	00	--Other	g	Free	Free	Free	Free
		-Rhodium:					
7110.31.00	00	--Unwrought or in powder form	g	Free	Free	Free	Free
7110.39.00	00	--Other	g	Free	Free	Free	Free
		-Iridium, osmium and ruthenium:					
7110.41.00		--Unwrought or in powder form		Free	Free	Free	Free
	10	-----*Iridium*	g				
	20	-----*Osmium*	g				
	30	-----*Ruthenium*	g				
7110.49.00		--Other		Free	Free	Free	Free
	10	-----*Iridium*	g				
	20	-----*Osmium*	g				
	30	-----*Ruthenium*	g				
71.11							
7111.00.00	00	**Base metals, silver or gold, clad with platinum, not further worked than semi-manufactured**	g	10.2%	10.2%	25%	6.5%
71.12		**Waste and scrap of precious metal or of metal clad with precious metal.**					
7112.10.00		-Of gold, including metal clad with gold but excluding sweepings containing other precious metals		Free	Free	25%	Free
	10	-----*Scrap jewellery*	kg				
	90	-----*Other*	kg				
7112.20.00		-Of platinum, including metal clad with platinum but excluding sweepings containing other precious metals		Free	Free	25%	Free
	10	-----*Scrap jewellery*	kg				
	90	-----*Other*	kg				
7112.90.00		-Other		Free	Free	25%	Free
	10	-----*Scrap jewellery*	kg				
	90	-----*Other*	kg				
71.13		**Articles of jewellery and parts thereof, of precious metal or of metal clad with precious metal.**					
		-Of precious metal whether or not plated or clad with precious metal:					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7113.11.00		--Of silver, whether or not plated or clad with other precious metal........		13.2%	13.2%	45%	8.5%
	10	-----*Medals*..............................	-				
	20	-----*Crosses*.............................	-				
	30	-----*Chaplets and rosaries*...............	-				
	90	-----*Other*...............................	-				
7113.19.00		--Of other precious metal, whether or not plated or clad with precious metal		13.2%	13.2%	45%	8.5%
	10	-----*Medals*..............................	-				
	20	-----*Crosses*.............................	-				
	30	-----*Chaplets and rosaries*...............	-				
	90	-----*Other*...............................	-				
7113.20.00		-Of base metal clad with precious metal.		13.2%	13.2%	45%	8.5%
	10	-----*Medals*..............................	-				
	20	-----*Crosses*.............................	-				
	30	-----*Chaplets and rosaries*...............	-				
	90	-----*Other*...............................	-				
71.14		**Articles of goldsmiths' or silversmiths' wares and parts thereof, of precious metal or of metal clad with precious metal.**					
		-Of precious metal whether or not plated or clad with precious metal:					
7114.11		--Of silver, whether or not plated or clad with other precious metal					
7114.11.10	00	---Articles (other than those of heading No. 71.13) of a religious nature................................	-	Free	Free	Free	Free
7114.11.90		---Other...................................		11%	11%	45%	7%
	10	-----*Articles of tableware*...............	-				
	20	-----*Toilet articles*.....................	-				
	30	-----*Decorative ware*.....................	-				
	90	-----*Other*...............................	-				
7114.19		--Of other precious metal, whether or not plated or clad with precious metal					
7114.19.10	00	---Articles (other than those of heading No. 71.13) of a religious nature................................	-	Free	Free	Free	Free
7114.19.90		---Other...................................		11%	11%	45%	7%
	10	-----*Articles of tableware*...............	-				
	20	-----*Toilet articles*.....................	-				
	90	-----*Other*...............................	-				
7114.20		-Of base metal clad with precious metal					
7114.20.10	00	---Articles (other than those of heading No. 71.13) of a religious nature................................	-	Free	Free	Free	Free
7114.20.90		---Other...................................		11%	11%	45%	7%
	10	-----*Articles of tableware*...............	-				
	20	-----*Toilet articles*.....................	-				
	30	-----*Decorative ware*.....................	-				
	90	-----*Other*...............................	-				
71.15		**Other articles of precious metal or of metal clad with precious metal.**					
7115.10.00	00	-Catalysts in the form of wire cloth or grill, of platinum....................	g	10.2%	10.2%	25%	6.5%
7115.90		-Other					
7115.90.10		---Anodes of silver or gold; crucibles of platinum............................		Free	Free	10%	Free
	10	-----*Anodes of silver or gold*...........	g				
	20	-----*Crucibles of platinum*..............	g				

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7115.90.90		---Other		11%	11%	45%	7%
	10	-----*Of silver*	g				
	20	-----*Of gold*	g				
	30	-----*Of platinum*	g				
71.16		**Articles of natural or cultured pearls, precious or semi-precious stones (natural, synthetic or reconstructed).**					
7116.10.00	00	-Of natural or cultured pearls	-	13.2%	13.2%	45%	8.5%
7116.20.00	00	-Of precious or semi-precious stones (natural, synthetic or reconstructed)	-	13.2%	13.2%	45%	8.5%
71.17		**Imitation jewellery.**					
		-Of base metal, whether or not plated with precious metal:					
7117.11.00	00	--Cuff-links and studs	gr	12.6%	12.6%	35%	8%
7117.19.00		--Other		13.2%	13.2%	45%	8.5%
	10	-----*Unfinished or incomplete articles of imitation jewellery*	-				
	20	-----*Finished or complete articles of imitation jewellery*	-				
7117.90.00	00	-Other	-	13.2%	13.2%	45%	8.5%
71.18		**Coin.**					
7118.10.00	00	-Coin (other than gold coin), not being legal tender	-	10.2%	10.2%	35%	6.5%
7118.90.00		-Other		Free	Free	Free	Free
	10	-----*Gold coin*	-				
		-----*Other:*					
	91	------*Canadian coins*	-				
	99	------*Other*	-				

SECTION XV

BASE METALS AND ARTICLES OF BASE METAL

SECTION NOTES RECOMMENDED BY THE BOARD

Section XV

BASE METALS AND ARTICLES OF BASE METAL

Legal Notes. *

1. This section does not cover:

   (a) Prepared paints, inks or other products with a basis of metallic flakes or powder (heading Nos. 32.07 to 32.10, 32.12, 32.13 or 32.15);

   (b) Ferro-cerium or other pyrophoric alloys (heading No. 36.06);

   (c) Headgear or parts thereof of heading No. 65.06 or 65.07;

   (d) Umbrella frames or other articles of heading No. 66.03;

   (e) Goods of Chapter 71 (for example, precious metal alloys, base metal clad with precious metal, imitation jewellery);

   (f) Articles of Section XVI (machinery, mechanical appliances and electrical goods);

   (g) Assembled railway or tramway track (heading No. 86.08) or other articles of Section XVII (vehicles, ships and boats, aircraft);

   (h) Instruments or apparatus of Section XVIII, including clock or watch springs;

   (ij) Lead shot prepared for ammunition (heading No. 93.06) or other articles of Section XIX (arms and ammunition);

   (k) Articles of Chapter 94 (for example, furniture, mattress supports, lamps and lighting fittings, illuminated signs, prefabricated buildings);

   (l) Articles of Chapter 95 (for example, toys, games, sports requisites);

   (m) Hand sieves, buttons, pens, pencil-holders, pen nibs or other articles of Chapter 96 (miscellaneous manufactured articles); or

   (n) Articles of Chapter 97 (for example, works of art).

2. Throughout the Nomenclature, the expression "parts of general use" means:

   (a) Articles of heading No. 73.07, 73.12, 73.15, 73.17 or 73.18 and similar articles of other base metal;

   (b) Springs and leaves for springs, of base metal, other than clock or watch springs (heading No. 91.14); and

   (c) Articles of heading Nos. 83.01, 83.02, 83.08, 83.10 and frames and mirrors, of base metal, of heading No. 83.06.

   In Chapters 73 to 76 and 78 to 82 (but not in heading No. 73.15) references to parts of goods do not include references to parts of general use as defined above.

   Subject to the preceding paragraph and to Note 1 to Chapter 83, the articles of Chapter 82 or 83 are excluded from Chapters 72 to 76 and 78 to 81.

3. Classification of alloys (other than ferro-alloys and master alloys as defined in Chapters 72 and 74):

   (a) An alloy of base metals is to be classified as an alloy of the metal which predominates by weight over each of the other metals;

   (b) An alloy composed of base metals of this Section and of elements not falling within this Section is to be treated as an alloy of base metals of this Section if the total weight of such metals equals or exceeds the total weight of the other elements present;

   (c) In this Section the term "alloys" includes sintered mixtures of metal powders, heterogeneous intimate mixtures obtained by melting (other than cermets) and intermetallic compounds.

4. Unless the context otherwise requires, any reference in the Nomenclature to a base metal includes a reference to alloys which, by virtue of Note 3 above, are to be classified as alloys of that metal.

5. Classification of composite articles:

   Except where the headings otherwise require, articles of base metal (including articles of mixed materials treated as articles of base metal under the Interpretative Rules) containing two or more base metals are to be treated as articles of the base metal predominating by weight over each of the other metals. For this purpose:

   (a) Iron and steel, or different kinds of iron or steel, are regarded as one and the same metal;

   (b) An alloy is regarded as being entirely composed of that metal as an alloy of which, by virtue of Note 3, it is classified; and

   (c) A cermet of heading No. 81.13 is regarded as a single base metal.

6. In this Section, the following expressions have the meanings hereby assigned to them:

   (a) Waste and scrap

   Metal waste and scrap from the manufacture or mechanical working of metals, and metal goods definitely not usable as such because of breakage, cutting-up, wear or other reasons.

   (b) Powders

   Products of which 90 % or more by weight passes through a sieve having a mesh aperture of 1 mm.

Canadian Legal Note. *

1. In this Section (but not in Chapter 76) the expression "unworked" means:

   (a) When referring to bars, rods and profiles, products which have not been subsequently worked after production (for example, not machined, drilled, punched, twisted nor crimped).

(b) When referring to plates, sheets, strip and foil, flat-surfaced products which have not been processed beyond the condition as from the rolling mill (for example, not machined, cut to shape, perforated nor coated).

(c) When referring to tubes or pipes, products which have not been further processed than drawn, extruded or welded (for example, not machined, coated, drilled, nor fitted with flanges, collars or rings).

SECTION NOTES REFERRED TO THE BOARD

Section XV

BASE METALS AND ARTICLES OF BASE METAL

Notes.

1. This Section does not cover:

   (a) Prepared paints, inks or other products with a basis of metallic flakes or powder (heading Nos. 32.07 to 32.10, 32.12, 32.13 or 32.15);

   (b) Ferro-cerium or other pyrophoric alloys (heading No. 36.06);

   (c) Headgear or parts thereof of heading No. 65.06 or 65.07;

   (d) Umbrella frames or other articles of heading No. 66.03;

   (e) Goods of Chapter 71 (for example, precious metal alloys, base metal clad with precious metal, imitation jewellery);

   (f) Articles of Section XVI (machinery, mechanical appliances and electrical goods);

   (g) Assembled railway or tramway track (heading No. 86.08) or other articles of Section XVII (vehicles, ships and boats, aircraft);

   (h) Instruments or apparatus of Section XVIII, including clock or watch springs;

   (ij) Lead shot prepared for ammunition (heading No. 93.06) or other articles of Section XIX (arms and ammunition);

   (k) Articles of Chapter 94 (for example, furniture, mattress supports, lamps and lighting fittings, illuminated signs, prefabricated buildings);

   (l) Articles of Chapter 95 (for example, toys, games, sports requisites);

   (m) Hand sieves, buttons, pens, pencil-holders, pen nibs or other articles of Chapter 96 (miscellaneous manufactured articles); or

   (n) Articles of Chapter 97 (for example, works of art).

2. Throughout the Nomenclature, the expression "parts of general use" means:

   (a) Articles of heading No. 73.07, 73.12, 73.15, 73.17 or 73.18 and similar articles of other base metal;

   (b) Springs and leaves for springs, of base metal, other than clock or watch springs (heading No. 91.14); and

   (c) Articles of heading Nos. 83.01, 83.02, 83.08, 83.10 and frames and mirrors, of base metal, of heading No. 83.06.

   In Chapters 73 to 76 and 78 to 82 (but not in heading No. 73.15) references to parts of goods do not include references to parts of general use as defined above.

   Subject to the preceding paragraph and to Note 1 to Chapter 83, the articles of Chapter 82 or 83 are excluded from Chapters 72 to 76 and 78 to 81.

3. Classification of alloys (other than ferro-alloys and master alloys as defined in Chapters 72 and 74):

   (a) An alloy of base metals is to be classified as an alloy of the metal which predominates by weight over each of the other metals;

   (b) An alloy composed of base metals of this Section and of elements not falling within this Section is to be treated as an alloy of base metals of this Section if the total weight of such metals equals or exceeds the total weight of the other elements present;

   (c) In this Section the term "alloys" includes sintered mixtures of metal powders, heterogeneous intimate mixtures obtained by melting (other than cermets) and intermetallic compounds.

4. Unless the context otherwise requires, any reference in the Nomenclature to a base metal includes a reference to alloys which, by virtue of Note 3 above, are to be classified as alloys of that metal.

5. Classification of composite articles:

Except where the headings otherwise require, articles of base metal (including articles of mixed materials treated as articles of base metal under the Interpretative Rules) containing two or more base metals are to be treated as articles of the base metal predominating by weight over each of the other metals. For this purpose:

(a) Iron and steel, or different kinds of iron or steel, are regarded as one and the same metal;

(b) An alloy is regarded as being entirely composed of that metal as an alloy of which, by virtue of Note 3, it is classified; and

(c) A cermet of heading No. 81.13 is regarded as a single base metal.

6. In this Section, the following expressions have the meanings hereby assigned to them:

(a) **Waste and scrap**

Metal waste and scrap from the manufacture or mechanical working of metals, and metal goods definitely not usable as such because of breakage, cutting-up, wear or other reasons.

(b) **Powders**

Products of which 90% or more by weight passes through a sieve having a mesh aperture of 1mm.

Supplementary Note.

1. In this Section the expression "unworked" means:

a) When referring to bars, rods and profiles, products which have not been subsequently worked after production (for example, not machined, drilled, punched, twisted nor crimped).

b) When referring to plates, sheets, strip and foil, flat-surfaced products which have not been processed beyond the condition as from the rolling mill (for example, not machined, cut to shape, perforated nor coated).

c) When referring to tubes or pipes, products which have not been further processed than drawn, extruded or welded (for example, not machined, coated, drilled, nor fitted with flanges, collars or rings).

REPORTS FOR
CHAPTERS 72 TO 83

CHAPTER 72

Iron and Steel

A. Introduction

Proposed Chapter 72 incorporates, in whole or in part, 139 items of the Customs Tariff, as listed below:

*34830-1	Copper covered steel wire...for...trolley, telegraph ...wires...
34835-1	... Electrolytic copper ... iron powder ...
*35005-1	Electric resistance strip, ribbon, wire ...
	Metals, n.o.p., not including alloys ...:
35101-1	Other than the following (see 35102-1 to 35106-1)
*35121-1	Ferro-chromium ... for ... welding rods ...
*35122-1	Stainless steel powder for ... man-made fibres
35123-1	Ferrochromium powder ... for ... iron or steel plate ...
35535-1	Metal alloy rods ... for ... conveyor belts
	Scrap of iron or steel:
*37301-1	Wrought ... to be remelted ...
*37302-1	Cast ... to be remelted ...
*37310-1	Tinplate scrap ...
*37400-1	Pig iron, n.o.p.
	Ferro-alloys:
*37501-1	Ferro-manganese ... containing not more than 1 p.c. silicon ...
*37502-1	Silico-manganese ... containing more than 1 p.c silicon ...
*37503-1	Ferro-silicon ... containing 8 p.c. or more of silicon ...
*37504-1	Ferro-silicon ... containing 60 p.c. or more of silicon ...
*37505-1	Ferro-silicon ... containing 90 p.c. or more of silicon ...
*37506-1	All alloys used in ... steel or iron, n.o.p.
*37515-1	Ferro-chromium silicon ... for ... iron or steel
*37516-1	Ferro-chromium, being an alloy of iron ... for ... iron or steel
*37600-1	Sponge iron
*37700-1	Ingots of iron or steel, n.o.p.
*37705-1	Ingots of iron or steel ... not less than thirty thousand pounds
*37710-1	Alloy steel shot for ... castings
*37800-1	Iron or steel ... blooms, slabs, billets or sheet bars
	Bars or rods of iron or steel, hot-rolled ...:
*37900-1	Alloy
*37900-2	Other
	Bars or rods of iron or steel ... cold-rolled ...:
*37905-1	Alloy
*37905-2	Other
	Bars or rods of iron or steel ... further processed ...:
37910-1	Alloy
37910-2	Other
*37915-1	Rods of iron or steel, in the coil ... for ... wire ...
*37925-1	Bars of iron or steel ... for ... cutter bars for chain saws

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* Indicates that goods under the present tariff item are classified only to this Chapter.

*37930-1	Bars or rods of iron or steel ... for ... gear hobs
*37935-1	Stainless steel flats ... for ... edgewound resistors
	Shapes or sections of iron or steel, n.o.p. ...:
*37950-1	Alloy
*37950-2	Other
	Shapes or sections of iron or steel not further manufactured ...:
*38001-1	Alloy
*38001-2	Other
*38002-1	Wide-flanged beams, ... when not made in Canada
*38003-1	Angles more than six inches in length ...
38010-1	Iron or steel angles, beams ... further manufactured ... n.o.p.
*38015-1	Shapes or sections of iron or steel ... for cutting edges ...
*38020-1	Channels and beams of iron or steel ... for ... "fork lift" trucks
38025-1	Iron or steel "H" or "I" shaped sections ... for ... mine arches
	Plate of iron or steel ...:
*38100-1	Alloy
*38100-2	Other
	Plate of iron or steel, n.o.p.:
38110-1	Alloy
	Sheet or strip of iron or steel ...:
*38201-1	Hot-rolled ... alloy
*38201-2	Hot-rolled ... other
*38202-1	Cold-rolled ... alloy
*38202-2	Cold-rolled ... other
*38203-1	Coated with tin or vitreous enamel
*38204-1	Coated with zinc
*38205-1	Coated, n.o.p.: ... alloy
*38205-2	Coated, n.o.p.: ... other
*38206-1	Hot- or cold-rolled ... for ... butts and hinges ...
*38207-1	Cold-rolled, with silicon content of 0.075 p.c. or more ...
*38208-1	Coated with metal or metals other than lead, zinc or tin
*38210-1	Sheet or strip of carbon steel ... for ... cookware
*38220-1	Hoop steel, hot-rolled ... for ... hoops for barrels or kegs
*38225-1	Sheet or strip of grain-oriented electrical steel ...
*38235-1	Sheet or strip of iron or steel ... for ... cutting dies
*38240-1	Stainless steel plate or sheet in coils ... for ... cold rolling
*38245-1	Stainless steel sheet ... for ... gas-fired heating equipment
*38250-1	Stainless steel sheet or strip ... for outdoor electric capacitors ...
*38260-1	Strip of iron or steel ... for ... measuring rules and tapes
*38262-1	Blue tempered spring steel strip ... for ... chuting ...
*38265-1	Sheet or strip of iron or steel ... for ... baking pans
*38270-1	Sheet or strip of iron or steel ... for ... maple syrup evaporators
*38275-1	Stainless steel sheet or strip ... for ... truck mirrors
*38280-1	Strip of iron or steel ... for ... ferrules for paint brushes
*38285-1	Iron or steel strip ... for ... blind rivets
*38300-1	Plate, sheet or strip of iron or steel ... for ... saws
*38305-1	Plate, sheet or strip of iron or steel, hardened ... for ... saws
*38310-1	Sheet or strip of iron or steel ... for ... chain saw bars

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* Indicates that goods under the present tariff item are classified only to this Chapter.

	Skelp, plate, sheet or strip of iron or steel ... for pipes ...:
*38400-1	Alloy
*38400-2	Other
*38500-1	Sheet or strip of iron or steel, coated with lead ...
39200-1	Forgings, of iron or steel ... n.o.p.
39205-1	Forgings of iron or steel ... of twenty tons or more
39210-1	Forgings ... of forty tons or over
39230-1	Forgings of steel for ... 3 inch diameter/50 calibre projectiles
	Axles and axle bars, n.o.p. ... of iron or steel:
39401-1	For railway vehicles ...
39402-1	For other vehicles, n.o.p.
*39403-1	N.o.p.
39810-1	Hot-rolled or extruded hollows of stainless steel ...
39915-1	Materials for ... tariff items 39905-1 and 39910-1
	Wire of iron or steel, single:
*40101-1	Round, n.o.p.: ... alloy
*40101-2	Round, n.o.p.: ... other
*40102-1	Other than round, n.o.p.: ... alloy
*40102-2	Other than round, n.o.p.: ... other
40103-1	Coated or covered with any material, n.o.p.: ... alloy
40103-2	Coated or covered with any material, n.o.p.: ... other
*40104-1	Valued at not less than two and three quarter cents/pound ...
*40165-1	Galvanized iron or steel wire ... for ... poultry netting
*40175-1	Galvanized steel wire ... for ... underground telephone wire
40180-1	Copper plated steel wire ...
*40185-1	Alloy steel wire ... for ... lehr conveyor belts
40190-1	Wire of alloy steel ... for ... bolts or screws
*43847-1	Sheet or strip of iron or steel ... for ... exhaust pipes ...
*43848-1	Stainless steel strip ... for ... springs for seat belt retractors
*43855-1	Sheet or strip of iron or steel ... for seat belt floor fittings ...
*43858-1	Chromium-silicon steel spring wire ... for ... brake assemblies
*43859-1	Wire of iron or steel ... for ... precision springs
*43860-1	Bars of iron or steel ... for ... front wheel spindles ...
*43862-1	Round spring wire of carbon steel ...
43877-1	Materials ... for ... passenger automobiles, ...
*43879-1	Stainless steel sheet or strip ... for ... mufflers, ...
*43880-1	Iron or steel bars ... for ... shock absorbers
*43882-1	Steel wire ... for ... brake cables ...
*43883-1	Steel spring strip ... for ... shaft locks ...
*43885-1	Iron or steel plate ... for ... steering wheels ...
*43890-1	Stainless steel strip ... for ... piston rings ...
*43891-1	Wire of iron or steel ... for ... piston rings ...
*43892-1	Music spring quality steel wire ... for ... defroster cable
*43896-1	Round wire of iron or steel ... for cylindrical needle rollers
*43897-1	Chromium-silicon steel spring wire ... for ... retainer rings
44019-1	Iron or steel masts, or parts thereof ...
44022-1	Manufactures of iron ... for ships and vessels ...
44059-1	... Bolts, cocks, cotter pins ... parts ...
*44115-1	Steel ... for ... parts of rifles ...

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* Indicates that goods under the present tariff item are classified only to this Chapter.

44200-1	Articles and materials ... for manufacture of (agricultural goods) ...
44205-1	Material, including all parts ... of metal (for manufacturing) ...
44550-1	... Metal cans and lids ... powdered iron ...
	Manufactures, articles or wares, of iron or steel, ... n.o.p.
44603-1	Other than the following (see 44603-2 to 44603-5)
44615-1	Steel shapes ... for burnishing
*45210-1	Wire or strip of iron or steel ... for... corset boning
46600-1	Iron sand and iron or steel shot ... for ... sawing, polishing, ...
47900-1	Materials and articles for use in various tariff items
49220-1	Material for use in the manufacture of goods (petroleum industry)
69605-1	Apparatus, utensils ... for non-profit organizations
71100-1	All goods not enumerated elsewhere in this schedule
84900-1	Goods which enter into the cost of manufacture of fertilizers ...
	92855 - Phosphides:
92855-1	Other than the following
*92855-2	Iron phosphides used in ... steel or iron
95002-1	All parts, and accessories ... equipment in automobiles ...
95004-1	All parts, and accessories ... original equipment in buses ...
95006-1	All parts, and accessories ... specified commercial vehicles ...

B. The Board's Analysis and Recommendations

Submissions dealing with this Chapter were received from the Canadian Steel Industry Statistics Committee (CSISC) and Canbro Inc., (Canbro). As a result of these briefs a number of revisions are recommended to the structure of Chapter 72.

The CSISC expressed concerns about both rate and nomenclature changes resulting from the referred Schedule. The CSISC noted that tariff item 37501-1 provides for ferro-manganese at a duty of 0.4 ct/lb (i.e., equivalent to 0.88 ct/kg) on "the manganese contained therein". On conversion to subheading No. 7202.11, as indicated in the referred Schedule, the rate increased to 0.98¢/kg and reference to manganese content was omitted. It was argued in the brief that the net effect would be an increase of 39 per cent in the rate of duty. The Board notes that a corrigendum was issued by the Department of Finance, dated March 13, 1985, which would restore the rate of duty now applicable and which to some extent would retain the present provision whereby the amount of duty payable is calculated in terms of manganese content. It recommends that the manganese content qualification with respect to the MFN rate of duty be retained as follows:

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* Indicates that goods under the present tariff item are classified only to this Chapter.

Delete the rates of duty under 7202.11.00 and add the following:

			MFN Rate
7202.11	—Containing by weight more than 2 % of carbon		
7202.11.10.	---Containing by weight not more than 1 % of silicon		0.88¢/kg, or fraction thereof, on the Mn content
10	-----Containing by weight more than 2 % but not more than 3 % of carbon . .	kg	
20	-----Containing by weight more than 3 % of carbon	kg	
7202.11.20.	---Containing by weight more than 1 % of silicon		1.54¢/kg, or fraction thereof, on the Mn content
10	-----Containing by weight more than 2 % but not more than 3 % of carbon . .	kg	
20	-----Containing by weight more than 3 % of carbon	kg	

The CSISC also submitted that elimination of the manganese content provision of tariff item 37502-1 in subheading No. 7202.30 would result in a increase of 53.6% in the duty payable. The Board found that the corrigendum issued by the Department of Finance had corrected this omission but the Board recommends the insertion of the phrase "or fraction thereof" in the following manner:

7202.30.00.00	-Ferro-silico-manganese	kg	1.54¢/kg, or fraction thereof, on the silicon content

In addition, the CSISC requested that all references to 5.84 mm in the description of goods in Chapter 72 be changed to 4.75 mm. It was argued that although in defining steel plate the Customs Tariff specifies both 5.84 mm and 4.75 mm, in combination with certain width criteria, the continuation of this definition in the Schedule would present difficulties. The CSISC felt that it would be preferable to use one thickness dimension, i.e., 4.75 mm in defining plate. The Board concurs with this viewpoint and recommends that all references to 5.84 mm in the description of goods be changed to 4.75 mm.

Canbro, a manufacturer of metal powders expressed concern that there was no explicit definitions respecting the terms "shot", "flakes" and "grain" in the Notes to Section XV. Canbro requested therefore, that the definition of these terms be inserted into the Legal Notes of this Section.(1)

The Board notes that the HS classifies "shot" under the provision for "granules" in the Explanatory Notes to heading No. 72.05. In addition, granules are defined in Chapter 72, Note 1(h) as products of iron and steel of which less than 90% by weight passes through a sieve with a mesh aperture of less than 1 mm and of which 90% or more by weight passes through a sieve with a mesh aperture of 5 mm. Satisfied that this definition is applicable to iron and steel shot, the Board does not recommend a change in this regard.

There is no definition for "flakes" in either Section XV or Chapter Notes. The Explanatory Notes to subheading No. 7406.20 state that "flakes", and "powders", of a lamellar structure are produced by grinding foil, and point out that the lamellar structure of flakes can be seen with the naked eye or a magnifying glass while powders require a microscope. However, Note 6(b) to Section XV defines powders as products of which 90% or more by weight passes through a sieve having a mesh aperture of 1 mm. Thus "flakes" are a coarser product than "powders". The Board is of the opinion that the "powder" definition is sufficient to distinguish "powder" from "flakes" and, therefore, makes no recommendations in this regard.

Canbro also questioned whether "stainless steel powder", as covered in tariff line 7205.21.10, should be in heading No. 72.18 instead of heading No. 72.05 and proposed that a separate statistical line be created for lamellar stainless steel powder.

It is the Board's opinion that stainless steel powder is correctly allocated to heading No. 72.05 which covers granules and powders of all types of iron or steel and of alloy steel. The Board points out that, while heading No. 72.18 deals with stainless steel per se, the more appropriate and specific classification is "powder" under heading No. 72.05. It, therefore, accepts the referred Schedule's allocation of stainless steel powder to heading No. 72.05. The Board, however, accepts Canbro's request for a separate breakout for lamellar stainless steel powder. This change would not affect existing duty rates but would make available better statistical information. The Board, therefore, recommends that two statistical lines be inserted. (See Table 72.1).

The Board's analysis of Chapter 72 revealed that MFN rates proposed for 11 tariff lines required revision resulting from updated trade data. Subsequent to the publication of the draft Schedule for Chapter 72 revisions were made to the trade data for the base period 1980-82. The Board, therefore, recommends the following changes:

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(1) Respecting "grain" of copper and aluminum, changes have been recommended to the referred Schedule (see discussion in Chapters 74 and 76).

HS Item	MFN Rate as Received	MFN Rate-Board's Recommendation
7205.10.90.00	8.9%	9%
7209.21.00	6.9%	7%
7209.31.00	6.9%	7%
7209.41.00	6.9%	7%
7210.50.00.00	7.7%	7.5%
7212.10.00	7.7%	7.9%
7212.40.00.00	7.7%	7.8%
7212.50.20	7.7%	7.9%
7229.10.00	7%	7.1%
7229.20.00	7%	7.1%
7229.90.00	7%	7.1%

It should be noted that the Board received a corrigendum from the Department of Finance in relation to this Chapter for the following five tariff lines: 7202.11.00; 7202.19.00; 7202.21.00; 7202.29.00 and 7202.30.00. Of these, tariff lines 7202.11.00 and 7202.30.00 have already been considered.(1) The corrigendum for tariff line 7202.29.00 referred only to the General Tariff. For subheading Nos. 7202.19 and 7202.21 the Board makes the following recommendation:

			MFN Rate
Delete the rates of duty under 7202.19.00 and add the following:			
7202.19	—Other		
7202.19.10.	---Containing by weight not more than 1 % of silicon		0.88¢/kg on the Mn content
10	-----Containing by weight 0.75 % or less of carbon	kg	
20	-----Containing by weight more than 0.75 % but not more than 2 % of carbon . .	kg	

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(1) See earlier pages, in this Chapter, where the submission from the Canadian Steel Industry Statistics Committee is discussed.

			MFN Rate
7202.19.20.	---Containing by weight more than 1 % of silicon		1.54¢/kg on the Mn content
10	-----Containing by weight 0.75 % or less of carbon	kg	
20	-----Containing by weight more than 0.75 % but not more than 2 % of carbon . .	kg	

Delete the rates of duty under 7202.21.00.00 and add the following:

7202.21	--Containing by weight more than 55 % of silicon		
7202.21.10.00	---Containing by weight less than 60 % of silicon	kg	Free
7202.21.20.00	---Containing by weight 60 % or more but less than 90 % of silicon	kg	1.54¢/kg on the silicon content
7202.21.30.00	---Containing by weight 90 % or more of silicon	kg	4.41¢/kg on the silicon content

The nomenclature revisions recommended by the Board are presented in Table 72.1.

Table 72.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
7202.29.00.10	-----Containing by weight more than 45 % but not more than 55 % of silicon Contenant en poids plus de 45 % mais pas plus de 55 % de silicium	2
7202.29.00.20	-----Containing by weight not more than 45 % of silicon Contenant en poids pas plus de 45 % de silicium	2
7202.99.00.90	-----Other ferro-alloys Autres ferro-alliages	3
7205.10.10.00	---Rondes	1
7205.21.90.00	---Other powders of alloy steel Autres poudres d'aciers alliés	3&6
7205.21.90.10	New class -----Of lamellar stainless steel Lamellaire, d'acier inoxydable	6
7205.21.90.90	New class -----Other Autres	6
7207.19.90.00	---Of other cross-section D'autres sections transversales	3
7207.20.90.00	---Other semi-finished products Autres demi-produits	3
7208.11.00.10	Delete 7208.11.00.10 and 7208.11.00.20 and replace with the following four entries	5
7208.11.00.10	-----Of a width of 600 mm or more but not exceeding 1,525 mm D'une largeur de 600 mm ou plus mais n'excédant pas 1.525 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7208.11.00.20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.11.00.30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.11.00.40	-----Of a width exceeding 2,450 mm . . . . D'une largeur excédant 2.450 mm	
7208.12.00.10	Delete 7208.12.00.10 and 7208.12.00.20 and replace with the following four entries	5
7208.12.00.10	-----Of a width of 600 mm or more but not exceeding 1,525 mm . . . . D'une largeur de 600 mm ou plus mais n'excédant pas 1.525 mm	
7208.12.00.20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.12.00.30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.12.00.40	-----Of a width exceeding 2,450 mm . . . . D'une largeur excédant 2.450 mm	
7208.13.00.10	New class -----Of a width of 600 mm or more but not exceeding 1,525 mm . . . . D'une largeur de 600 mm ou plus mais n'excédant pas 1.525 mm	5
7208.13.00.20	New class -----Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	5
7208.13.00.30	New class -----Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7208.13.00.40	New class -----Of a width exceeding 2,450 mm D'une largeur excédant 2.450 mm	5
7208.14.00.10	New class -----Of a width of 600 mm or more but not exceeding 1,525 mm D'une largeur de 600 mm ou plus mais n'excédant pas 1.525 mm	5
7208.14.00.20	New class -----Of a width exceeding 1,525 mm but not exceeding 1,830 mm D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	5
7208.14.00.30	New class -----Of a width exceeding 1,830 mm but not exceeding 2,450 mm D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	5
7208.14.00.40	New class -----Of a width exceeding 2,450 mm D'une largeur excédant 2.450 mm	5
7208.21.00.10	Delete 7208.21.00.10 and 7208.21.00.20 and replace with the following eight entries	5
7208.21.00.10	-----Floor plate Tôles pour plancher	
7208.21.00.11	------Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	
7208.21.00.12	------Of a width exceeding 1,525 mm D'une largeur excédant 1.525 mm	
7208.21.00.90	-----Other Autres	
7208.21.00.91	------Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	
7208.21.00.92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7208.21.00.93	-------Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.21.00.94	-------Of a width exceeding 2,450 mm . . . . . . D'une largeur excédant 2.450 mm	
7208.22.00.10	Delete 7208.22.00.10 and 7208.22.00.20 and replace with the following eight entries	5
7208.22.00.10	-----Floor plate . . . . Tôles pour plancher	
7208.22.00.11	-------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.22.00.12	-------Of a width exceeding 1,525 mm . . . . . . D'une largeur excédant 1.525 mm	
7208.22.00.90	-----Other . . . . Autres	
7208.22.00.91	-------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.22.00.92	-------Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.22.00.93	-------Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.22.00.94	-------Of a width exceeding 2,450 mm . . . . . . D'une largeur excédant 2.450 mm	
7208.23.00.10	Delete 7208.23.00.10 and 7208.23.00.20 and replace with the following eight entries	5
7208.23.00.10	-----Floor plate . . . . Tôles pour plancher	
7208.23.00.11	-------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.23.00.12	-------Of a width exceeding 1,525 mm . . . . . . D'une largeur excédant 1.525 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7208.23.00.90	-----Other . . . . Autres	
7208.23.00.91	------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.23.00.92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.23.00.93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.23.00.94	------Of a width exceeding 2,450 mm . . . . . . D'une largeur excédant 2.450 mm	
7208.24.00.10	Delete 7208.24.00.10 and 7208.24.00.20 and replace with the following eight entries	5
7208.24.00.10	-----Floor plate . . . . Tôles pour plancher	
7208.24.00.11	------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.24.00.12	------Of a width exceeding 1,525 mm . . . . . . D'une largeur excédant 1.525 mm	
7208.24.00.90	-----Other . . . . Autres	
7208.24.00.91	------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.24.00.92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.24.00.93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.24.00.94	------Of a width exceeding 2,450 mm . . . . . . D'une largeur excédant 2.450 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7208.32.00.10	Delete 7208.32.00.10 and 7208.32.00.20 and replace with the following seven enries	5
7208.32.00.10	-----Heat treated . . . . Traités à chaud	
7208.32.00.90	-----Other . . . . Autres	
7208.32.00.91	------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.32.00.92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.32.00.93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.32.00.94	------Of a width exceeding 2,450 mm but not exceeding 3,050 mm . . . . D'une largeur excédant 2.450 mm mais n'excédant pas 3.050 mm	
7208.32.00.95	------Of a width exceeding 3,050 mm . . . . . . D'une largeur excédant 3.050 mm	
7208.33.00.10	Delete 7208.33.00.10 and 7208.33.00.20 and replace with the following seven entries	5
7208.33.00.10	-----Heat treated . . . . Traités à chaud	
7208.33.00.90	-----Other . . . . Autres	
7208.33.00.91	------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.33.00.92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.33.00.93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7208.33.00.94	------Of a width exceeding 2,450 mm but not exceeding 3,050 mm D'une largeur excédant 2.450 mm mais n'excédant pas 3.050 mm	
7208.33.00.95	------Of a width exceeding 3,050 mm D'une largeur excédant 3.050 mm	
7208.34.00.10	New class -----Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	5
7208.34.00.20	New class -----Of a width exceeding 1,525 mm but not exceeding 1,830 mm D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	5
7208.34.00.30	New class -----Of a width exceeding 1,830 mm but not exceeding 2,450 mm D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	5
7208.34.00.40	New class -----Of a width exceeding 2,450 mm D'une largeur excédant 2.450 mm	5
7208.35.00.10	New class -----Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	5
7208.35.00.20	New class -----Of a width exceeding 1,525 mm but not exceeding 1,830 mm D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	5
7208.35.00.30	New class -----Of a width exceeding 1,830 mm but not exceeding 2,450 mm D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	5
7208.35.00.40	New class -----Of a width exceeding 2,450 mm D'une largeur excédant 2.450 mm	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7208.42.00.10	Delete 7208.42.00.10 and 7208.42.00.20 and replace with the following seven entries	5
7208.42.00.10	-----Heat treated . . . . Traités à chaud	
7208.42.00.90	-----Other . . . . Autres	
7208.42.00.91	------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.42.00.92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.42.00.93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.42.00.94	------Of a width exceeding 2,450 mm but not exceeding 3,050 mm . . . . D'une largeur excédant 2.450 mm mais n'excédant pas 3.050 mm	
7208.42.00.95	------Of a width exceeding 3,050 mm . . . . . . D'une largeur excédant 3.050 mm	
7208.43.00.10	Delete 7208.43.00.10 and 7208.43.00.20 and replace with the following seven entries	5
7208.43.00.10	-----Heat treated . . . . Traités à chaud	
7208.43.00.90	-----Other . . . . Autres	
7208.43.00.91	------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	
7208.43.00.92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7208.43.00.93	———Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.43.00.94	———Of a width exceeding 2,450 mm but not exceeding 3,050 mm . . . . D'une largeur excédant 2.450 mm mais n'excédant pas 3.050 mm	
7208.43.00.95	———Of a width exceeding 3,050 mm . . . . . . D'une largeur excédant 3.050 mm	
7208.44.00.10	Delete 7208.44.00.10 and 7208.44.00.20 and replace with the following four entries	5
7208.44.00.10	——Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	
7208.44.00.20	——Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.44.00.30	——Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.44.00.40	——Of a width exceeding 2,450 mm . . . . D'une largeur excédant 2.450 mm	
7208.45.00.10	Delete 7208.45.00.10 and 7208.45.00.20 and replace with the following four entries	5
7208.45.00.10	——Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	
7208.45.00.20	——Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	
7208.45.00.30	——Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	
7208.45.00.40	——Of a width exceeding 2,450 mm . . . . D'une largeur excédant 2.450 mm	
7209.11.00.10	Delete 7209.11.00.10 and 7209.11.00.20 and replace with the following three entries	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7209.11.00.10	-----Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	
7209.11.00.20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	
7209.11.00.30	-----Of a width exceeding 2,030 mm . . . . D'une largeur excédant 2.030 mm	
7209.12.00.10	New class -----Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	5
7209.12.00.20	New class -----Of a width exceeding 1,525 mm but not exceeding 2,030 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	5
7209.12.00.30	New class -----Of a width exceeding 2,030 mm . . . . D'une largeur excédant 2.030 mm	5
7209.13.00.10	New class -----Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	5
7209.13.00.20	New class -----Of a width exceeding 1,525 mm but not exceeding 2,030 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	5
7209.13.00.30	New class -----Of a width exceeding 2,030 mm . . . . D'une largeur excédant 2.030 mm	5
7209.14.00.10	New class -----Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	5
7209.14.00.20	New class -----Of a width exceeding 1,525 mm but not exceeding 2,030 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	5
7209.14.00.30	New class -----Of a width exceeding 2,030 mm . . . . D'une largeur excédant 2.030 mm	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7209.21.00.10	Delete 7209.21.00.10 and 7209.21.00.20 and replace with the followoing three entries	5
7209.21.00.10	------Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	
7209.21.00.20	------Of a width exceeding 1,525 mm but not exceeding 2,030 mm D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	
7209.21.00.30	------Of a width exceeding 2,030 mm D'une largeur excédant 2.030 mm	
7209.22.00.10	Delete 7209.22.00.10 and 7209.22.00.20 and replace with the following three entries	5
7209.22.00.10	------Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	
7209.22.00.20	------Of a width exceeding 1,525 mm but not exceeding 2,030 mm D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	
7209.22.00.30	------Of a width exceeding 2,030 mm D'une largeur excédant 2.030 mm	
7209.23.00.10	Delete 7209.23.00.10 and 7209.23.00.20 and replace with the following three entries	5
7209.23.00.10	------Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	
7209.23.00.20	------Of a width exceeding 1,525 mm but not exceeding 2,030 mm D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	
7209.23.00.30	------Of a width exceeding 2,030 mm D'une largeur excédant 2.030 mm	
7209.24.00.10	Delete 7209.24.00.10 and 7209.24.00.20 and replace with the following three entries	5
7209.24.00.10	------Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	
7209.24.00.20	------Of a width exceeding 1,525 mm but not exceeding 2,030 mm D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7209.24.00.30	-----Of a width exceeding 2,030 mm . . . . D'une largeur excédant 2.030 mm	
7209.31.00.10	Delete 7209.31.00.10 and 7209.31.00.20 and replace with the following three entries	5
7209.31.00.10	-----Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	
7209.31.00.20	-----Of a width exceeding 1,525 mm but not exceeding 2.030 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	
7209.31.00.30	-----Of a width exceeding 2,030 mm . . . . D'une largeur excédant 2.030 mm	
7209.32.00.10	New class -----Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	5
7209.32.00.20	New class -----Of a width exceeding 1,525 mm but not exceeding 2,030 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	5
7209.32.00.30	New class -----Of a width exceeding 2,030 mm . . . . D'une largeur excédant 2.030 mm	5
7209.33.00.10	New class -----Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	5
7209.33.00.20	New class -----Of a width exceeding 1,525 mm but not exceeding 2,030 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	5
7209.33.00.30	New class -----Of a width exceeding 2,030 mm . . . . D'une largeur excédant 2.030 mm	5
7209.34.00.10	New class -----Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7209.34.00.20	New class ------Of a width exceeding 1,525 mm but not exceeding 2,030 mm D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	5
7209.34.00.30	New class ------Of a width exceeding 2,030 mm D'une largeur excédant 2.030 mm	5
7209.41.00.10	Delete 7209.41.00.10 and 7209.41.00.20 and replace with the following three entries	5
7209.41.00.10	------Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	
7209.41.00.20	------Of a width exceeding 1,525 mm but not exceeding 2,030 mm D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	
7209.41.00.30	------Of a width exceeding 2,030 mm D'une largeur excédant 2.030 mm	
7209.42.00.10	Delete 7209.42.00.10 and 7209.42.00.20 and replace with the following three entries	5
7209.42.00.10	------Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	
7209.42.00.20	------Of a width exceeding 1,525 mm but not exceeding 2,030 mm D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	
7209.42.00.30	------Of a width exceeding 2,030 mm D'une largeur excédant 2.030 mm	
7209.43.00.10	Delete 7209.43.00.10 and 7209.43.00.20 and replace with the following three entries	5
7209.43.00.10	------Of a width not exceeding 1,525 mm D'une largeur n'excédant pas 1.525 mm	
7209.43.00.20	------Of a width exceeding 1,525 mm but not exceeding 2,030 mm D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	
7209.43.00.30	------Of a width exceeding 2,030 mm D'une largeur excédant 2.030 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7209.44.00.10	Delete 7209.44.00.10 and 7209.44.00.20 and replace with the following three entries	5
7209.44.00.10	-----Of a width not exceeding 1,525 mm . . . . . D'une largeur n'excédant pas 1.525 mm	
7209.44.00.20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 2.030 mm	
7209.44.00.30	-----Of a width exceeding 2,030 mm . . . . D'une largeur excédant 2.030 mm	
7209.90.00.20	Renumber 7209.90.00.80 -----Other, perforated . . . . Autres, perforés	2
7210.11.00.10	Delete this class	5
7210.11.00.20	Delete this class	5
7210.12.00.10	Delete this class	5
7210.12.10.20	Delete this class	5
7210.20.10	---Of a thickness not exceeding 4.75 mm . . . . D'une épaisseur n'excédant pas 4,75 mm	6
7210.20.20.00	---Of a thickness exceeding 4.75 mm . . . . . . D'une épaisseur excédant 4,75 mm	6
7210.90.00.10	-----Of a thickness not exceeding 4.75 mm, clad, plated or coated with other base metals . . D'une épaisseur n'excédant pas 4,75 mm, plaqués ou revêtus d'autres métaux communs	5
7210.90.00.20	-----Of a thickness exceeding 4.75 mm, clad, plated or coated with other base metals . . D'une épaisseur excédant 4,75 mm, plaqués ou revêtus d'autres métaux communs	5
7210.90.00.90	New class -----Other, including with vitreous enamel . . . Autres, y compris d'émail vitré	2
7211.21.00.10	Delete this class	5
7211.21.00.20	Delete this class	5
7211.22.00.10	New scope -----Flat grader blade section . . . . Section plate pour lame de niveleuse	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7211.22.00.20	New scope. Renumber 7211.22.00.90 -----Other . . . . Autres	5
7211.29.00.10	Delete this class	5
7211.29.00.20	Delete this class	5
7211.41.00.10	Delete this class	5
7211.41.00.20	Delete this class	5
7211.49.00.10	Delete this class	5
7211.49.00.20	Delete this class	5
7212.10.00.10	Delete this class	5
7212.10.00.20	Delete this class	5
7212.50.20	Renumber 7212.50.90. ---Other . . . . Autres	2
7212.50.20.10	Renumber 7212.50.90.10 -----Plated or coated with other base metals, of a thickness not exceeding 4.75 mm . . . Revêtus d'autres métaux communs, d'une épaisseur n'excédant pas 4,75 mm	2&5
7212.50.20.11	Renumber 7212.50.90.11	2
7212.50.20.12	Renumber 7212.50.90.12	2
7212.50.20.13	Renumber 7212.50.90.13	2
7212.50.20.19	Renumber 7212.50.90.19	2
7212.50.20.20	Renumber 7212.50.90.20 -----Plated or coated with other base metals, of a thickness exceeding 4.75 mm . . . . . Revêtus d'autres métaux communs, d'une épaisseur excédant 4,75 mm	2&5
7212.50.90.90	New class -----Other . . . . Autres	2
7213.20.00.40	Delete this class	2
7213.39.00.10	Delete this class and replace with the following three entries	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7213.39.00.10	-----Rounds Ronds	
7213.39.00.11	------Of a diameter of 14 mm or more but not exceeding 35 mm D'un diamètre de 14 mm ou plus mais n'excédant pas 35 mm	
7213.39.00.12	------Of a diameter exceeding 35 mm D'un diamètre excédant 35 mm	
7213.39.00.40	Delete this class	2
7213.49.00.10	Delete this class and replace with the following three entries	5
7213.49.00.10	-----Rounds Ronds	
7213.49.00.11	------Of a diameter of 14 mm or more but not exceeding 35 mm D'un diamètre de 14 mm ou plus mais n'excédant pas 35 mm	
7213.49.00.12	------Of a diameter exceeding 35 mm D'un diamètre excédant 35 mm	
7213.49.00.40	Delete this class	2
7213.50.00.10	Delete this class and replace with the following three entries	5
7213.50.00.10	-----Rounds Ronds	
7213.50.00.11	------Of a diameter of 14 mm or more but not exceeding 35 mm D'un diamètre de 14 mm ou plus mais n'excédant pas 35 mm	
7213.50.00.12	------Of a diameter exceeding 35 mm D'un diamètre excédant 35 mm	
7213.50.00.40	Delete this class	2
7215.10.00.40	New class -----Hexagons Hexagones	5
7215.20.00.21	New class ------Ground, turned or polished Meulées, tournées ou polies	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7215.20.00.29	New class ------Other . . . . Autres	5
7215.20.00.40	New class -----Hexagons . . . . Hexagones	5
7215.30.00.40	New class -----Hexagons . . . . Hexagones	5
7215.40.00.40	New class -----Hexagons . . . . Hexagones	5
7215.90.00.10	New class -----Chrome plated . . . . Chromées	5
7215.90.00.90	New class -----Other . . . . Autres	5
7216.10.00.12	------For motor vehicles or for ships . . . . . Pour véhicules automobiles ou pour bateaux	2
7216.31.00.10	-----Of a height of 80 mm or more but not exceeding 152.4 mm . . . . D'une hauteur de 80 mm ou plus mais n'excédant pas 152,4 mm	5
7216.31.00.12	------For motor vehicles or for ships . . . . . Pour véhicules automobiles ou pour bateaux	2
7216.31.00.20	-----Of a height exceeding 152.4 mm . . . . . . D'une hauteur excédant 152,4 mm	5
7216.31.00.22	------For motor vehicles or for ships . . . . . Pour véhicules automobiles ou pour bateaux	2
7216.32.00.11	Delete from 7216.32.00.11 to 7216.32.00.13 and replace with the following four entries	5
7216.32.00.11	------Of a height up to but not exceeding 150 mm . . . . D'une hauteur jusqu'à mais n'excédant pas 150 mm	
7216.32.00.12	------Of a height exceeding 150 mm but not exceeding 355 mm . . . . D'une hauteur excédant 150 mm mais n'excédant pas 355 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7216.32.00.13	------Of a height exceeding 355 mm but not exceeding 635 mm . . . . D'une hauteur excédant 355 mm mais n'excédant pas 635 mm	
7216.32.00.14	------Of a height exceeding 635 mm . . . . D'une hauteur excédant 635 mm	
7216.32.00.20	Renumber 7216.32.00.90 -----Other . . . . Autres	2
7216.32.00.21	Delete 7216.32.00.21 and 7216.32.00.22 and replace with the following two entries	5
7216.32.00.91	------Of a height of 80 mm or more but not exceeding 152.4 mm . . . . D'une hauteur de 80 mm ou plus mais n'excédant pas 152,4 mm	
7216.32.00.92	------Of a height exceeding 152.4 mm . . . . D'une hauteur excédant 152,4 mm	
7216.33.00.11	Delete from 7216.33.00.11 to 7216.33.00.13 and replace with the following four entries	5
7216.33.00.11	------Of a height up to but not exceeding 150 mm . . . . D'une hauteur jusqu'à mais n'excédant pas 150 mm	
7216.33.00.12	------Of a height exceeding 150 mm but not exceeding 355 mm . . . . D'une hauteur excédant 150 mm mais n'excédant pas 355 mm	
7216.33.00.13	------Of a height exceeding 355 mm but not exceeding 635 mm . . . . D'une hauteur excédant 355 mm mais n'excédant pas 635 mm	
7216.33.00.14	------Of a height exceeding 635 mm . . . . D'une hauteur excédant 635 mm	
7216.33.00.90	-----Other H sections . . . . Autres profilés en H	3
7216.33.00.91	------Of a height of 80 mm or more but not exceeding 152.4 mm . . . . D'une hauteur de 80 mm ou plus mais n'excédant pas 152,4 mm	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7216.33.00.92	------Of a height exceeding 152.4 mm . . . . . . D'une hauteur excédant 152,4 mm	5
7216.40.00.11	------Of a height of 80 mm or more but not exceeding 152.4 mm . . . . D'une hauteur de 80 mm ou plus mais n'excédant pas 152,4 mm	5
7216.40.00.12	------Of a height exceeding 152.4 mm . . . . . . D'une hauteur excédant 152,4 mm	5
7216.40.00.21	------Large leg of a height of 80 mm or more but not exceeding 152.4 mm . . . . A branche large d'une hauteur excédant 80 mm mais n'excédant pas 152,4 mm	5
7216.40.00.22	------Large leg of a height exceeding 152.4 mm . A branche large d'une hauteur excédant 152,4 mm	5
7216.40.00.31	------Stem of a height of 80 mm or more but not exceeding 152.4 mm . . . . A tige d'une hauteur de 80 mm ou plus mais n'excédant pas 152,4 mm	5
7216.40.00.32	------Stem of a height exceeding 152.4 mm . . . A tige d'une hauteur excédant 152,4 mm	5
	New class	
7216.50.00.10	-----Curved grader blade sections . . . . Sections de lame courbée de niveleuse	5
	New class	
7216.50.00.90	-----Other . . . . Autres	5
7216.90.19.00	----Other ribbed shapes . . . . Autres comportant des bourrelets	3
7216.90.90	---Other than ribbed shapes . . . . Autres que comportant des bourrelets	3
7217.11.00.10	-----For the manufacture of nails (cold-heading stock) . . . . Pour la fabrication de clous	4
7217.12.00.90	-----Other, plated or coated with zinc . . . . . Autres, zingués	3
7217.19.00	--Other, containing by weight less than 0.25 % of carbon . . . . Autres, contenant en poids moins de 0,25 % de carbone	3

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7217.21.00.10	New class -----Round . . . . Ronds	5
7217.21.00.10	Renumber 7217.21.00.11 ------For the manufacture of nails (cold-heading stock) . . . . Pour la fabrication de clous	4&5
7217.21.00.20	Renumber 7217.21.00.12	5
7217.21.00.30	Renumber 7217.21.00.13	5
7217.21.00.19	New class ------Other . . . . Autres	5
7217.21.00.20	New class -----Flat . . . . Plats	5
7217.22.00.90	-----Other, plated or coated with zinc . . . . . Autres, zingués	3
7217.29.00	--Other, containing by weight 0.25 % or more but less than 0.6 % of carbon . . . . Autres, contenant en poids 0,25 % ou plus mains moins de 0,6 % de carbone	3
7217.31.00.10	New class -----Round . . . . Ronds	5
7217.31.00.11	New class ------For the manufacture of nails (cold-heading stock) . . . . Pour la fabrication de clous	4&5
7217.31.00.10	Renumber 7217.31.00.12	5
7217.31.00.20	Renumber 7217.31.00.13	5
7217.31.00.19	New class ------Other . . . . Autres	5
7217.31.00.20	New class -----Flat . . . . Plats	5
7217.32.00.19	------Other, round . . . . Autres, ronds	3

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7217.32.00.90	-----Other, plated or coated with zinc Autres, zingués	3
7217.39.00	—Other, containing by weight 0.6 % or more of carbon Autres, contenant en poids 0,6% ou plus de carbone	3
7217.39.00.19	------Other, round Autres, ronds	3
7218.90.90.00	---Other semi-finished products Autres demi-produits	3
7219.11.00.10	New class -----Of a width not exceeding 1,830 mm D'une largeur n'excédant pas 1.830 mm	5
7219.11.00.20	New class -----Of a width exceeding 1,830 mm D'une largeur excédant 1.830 mm	5
7219.12.00.10	New class -----Of a width not exceeding 1,830 mm D'une largeur n'excédant pas 1.830 mm	5
7219.12.00.20	New class -----Of a width exceeding 1,830 mm D'une largeur excédant 1.830 mm	5
7219.13.00.10	Delete this class	5
7219.13.00.20	Delete this class	5
7219.21.00.10	New class -----Of a width not exceeding 1,830 mm D'une largeur n'excédant pas 1.830 mm	5
7219.21.00.20	New class -----Of a width exceeding 1,830 mm D'une largeur excédant 1.830 mm	5
7219.22.00.10	New class -----Of a width not exceeding 1,830 mm D'une largeur n'excédant pas 1.830 mm	5
7219.22.00.20	New class -----Of a width exceeding 1,830 mm D'une largeur excédant 1.830 mm	5
7219.23.00.10	Delete this class	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7219.23.00.20	Delete this class	5
7219.31	Renumber 7219.31.00. (rates of 7219.31.10)	6
7219.31.10	Delete this class	6
7219.31.10.10	Renumber 7219.31.00.10	6
7219.31.10.90	Renumber 7219.31.00.90	6
7219.31.20.00	Delete this class	6
7219.32.00.10	Delete from 7219.32.00.10 to 7219.32.00.29 and replace with the following eight entries	5
7219.32.00.10	-----300 Series, of a width exceeding 600 mm but not exceeding 1,250 mm . . . . Série 300, d'une largeur excédant 600 mm mais n'excédant pas 1.250 mm	
7219.32.00.11	------Skelp . . . . Bande en acier	
7219.32.00.19	------Other . . . . Autres	
7219.32.00.20	-----300 Series, of a width exceeding 1,250 mm . Série 300, d'une largeur excédant 1.250 mm	
7219.32.00.80	-----Other, of a width exceeding 600 mm but not exceeding 1,250 mm . . . . Autres, d'une largeur excédant 600 mm mais n'excédant pas 1.250 mm	
7219.32.00.81	------Skelp . . . . Bande en acier	
7219.32.00.89	------Other . . . . Autres	
7219.32.00.90	-----Other, of a width exceeding 1,250 mm . . . Autres, d'une largeur excédant 1.250 mm	
7219.33.00.10	Delete from 7219.33.00.10 to 7219.33.00.29 and replace with the following twelve entries	5
7219.33.00.10	-----300 Series, of a width exceeding 600 mm but not exceeding 1,250 mm . . . . Série 300, d'une largeur excédant 600 mm mais n'excédant pas 1.250 mm	
7219.33.00.11	------Skelp . . . . Bande en acier	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7219.33.00.19	------Other Autres	
7219.33.00.20	-----300 Series, of a width exceeding 1,250 mm Série 300, d'une largeur excédant 1.250 mm	
7219.33.00.21	------Skelp Bande en acier	
7219.33.00.29	------Other Autres	
7219.33.00.80	-----Other, of a width exceeding 600 mm but not exceeding 1,250 mm Autres, d'une largeur excédant 600 mm mais n'excédant pas 1.250 mm	
7219.33.00.81	------Skelp Bande en acier	
7219.33.00.89	------Other Autres	
7219.33.00.90	-----Other, of a width exceeding 1,250 mm Autres, d'une largeur excédant 1.250 mm	
7219.33.00.91	------Skelp Bande en acier	
7219.33.00.99	------Other Autres	
7219.34.00.10	Delete form 7219.34.00.10 to 7219.34.00.29 and replace with the following twelve entries	5
7219.34.00.10	-----300 Series, of a width exceeding 600 mm but not exceeding 1,250 mm Série 300, d'une largeur excédant 600 mm mais n'excédant pas 1.250 mm	
7219.34.00.11	------Skelp Bande en acier	
7219.34.00.19	------Other Autres	
7219.34.00.20	-----300 Series, of a width exceeding 1,250 mm Série 300, d'une largeur excédant 1.250 mm	
7219.34.00.21	------Skelp Bande en acier	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7219.34.00.29	------Other . . . . Autres	
7219.34.00.80	-----Other, of a width exceeding 600 mm but not exceeding 1,250 mm . . . . Autres, d'une largeur excédant 600 mm mais n'excédant pas 1.250 mm	
7219.34.00.81	------Skelp . . . . Bande en acier	
7219.34.00.89	------Other . . . . Autres	
7219.34.00.90	-----Other, of a width exceeding 1,250 mm . . . Autres, d'une largeur excédant 1.250 mm	
7219.34.00.91	------Skelp . . . . Bande en acier	
7219.34.00.99	------Other . . . . Autres	
7219.35.00.10	Delete from 7219.35.00.10 to 7219.35.00.29 and replace with the following twelve entries	5
7219.35.00.10	-----300 Series, of a width exceeding 600 mm but not exceeding 1,250 mm . . . . Série 300, d'une largeur excédant 600 mm mais n'excédant pas 1.250 mm	
7219.35.00.11	------Skelp . . . . Bande en acier	
7219.35.00.19	------Other . . . . Autres	
7219.35.00.20	-----300 Series, of a width exceeding 1,250 mm . . . . Série 300, d'une largeur excédant 1.250 mm	
7219.35.00.21	------Skelp . . . . Bande en acier	
7219.35.00.29	------Other . . . . Autres	
7219.35.00.80	-----Other, of a width exceeding 600 mm but not exceeding 1,250 mm . . . . Autres, d'une largeur excédant 600 mm mais n'excédant pas 1.250 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7219.35.00.81	------Skelp Bande en acier	
7219.35.00.89	------Other Autres	
7219.35.00.90	-----Other, of a width exceeding 1,250 mm Autres, d'une largeur excédant 1.250 mm	
7219.35.00.91	------Skelp Bande en acier	
7219.35.00.99	------Other Autres	
7219.90.10.00	---Corrugated, cold-rolled, of a thickness not exceeding 4.75 mm Ondulés, laminés à froid, d'une épaisseur n'excédant pas 4,75 mm	6
7219.90.90	---Other flat-rolled products Autres produits laminés plats	3
7219.90.90.20	-----Other, perforated Autres, perforés	2
7220.20.10.00	---Of a thickness exceeding 4.75 mm D'une épaisseur excédant 4,75 mm	6
7220.20.20	---Of a thickness not exceeding 4.75 mm D'une épaisseur n'excédant pas 4,75 mm	6
7220.20.20.10	Delete from 7220.20.20.10 to 7220.20.20.29 and replace with the following six entries	5
7220.20.20.10	-----300 Series Série 300	
7220.20.10.11	------Skelp Bande en acier	
7220.20.20.19	------Other Autres	
7220.20.20.90	-----Other Autres	
7220.20.20.91	------Skelp Bande en acier	
7220.20.20.99	------Other Autres	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7220.90.00	-Other flat-rolled products . . . . Autres produits laminés plats	3
7221.00.00.19	------Other, rounds . . . . Autres, ronds	3
7222.10.00.19	------Other, rounds . . . . Autres, ronds	3
7222.20.00.10	New class -----300 Series . . . . Série 300	5
7222.20.00.90	New class -----Other . . . . Autres	5
7222.40.10.90	-----Other angles, shapes and sections . . . . . Autres profilés	3
7222.40.90.90	-----Other angles, shapes and sections . . . . . Autres profilés	3
7223.00.10.10	Delete this class	5
7223.00.10.11	Delete this class	5
7223.00.10.12	Delete this class	5
7223.00.10.90	Delete this class	5
7223.00.20.10	Delete this class	5
7223.00.20.11	Delete this class	5
7223.00.20.12	Delete this class	5
7223.00.20.90	Delete this class	5
7224.90.90.00	---Other semi-finished products . . . . Autres demi-produits	3
7225.10.10	---Cold-rolled or cold-drawn, of a thickness not exceeding 4.75 mm . . . . Laminés à froid ou étirés à froid, d'une épaisseur n'excédant pas 4,75 mm	6
7225.10.10.10	Delete from 7225.10.10.10 to 7225.10.10.90 and replace with the following four entries	5
7225.10.10.10	-----Of a thickness not exceeding 0.28 mm . . . D'une épaisseur n'excédant pas 0,28 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7225.10.10.20	-----Of a thickness exceeding 0.28 mm but not exceeding 0.45 mm . . . . D'une épaisseur excédant 0,28 mm mais n'excédant pas 0,45 mm	
7225.10.10.30	-----Of a thickness exceeding 0.45 mm but not exceeding 0.65 mm . . . . D'une épaisseur excédant 0,45 mm mais n'excédant pas 0,65 mm	
7225.10.10.40	-----Of a thickness exceeding 0.65 mm but not exceeding 4.75 mm . . . . D'une épaisseur excédant 0,65 mm mais n'excédant pas 4,75 mm	
7225.10.90.10	Delete 7225.10.90.10 and 7225.10.90.20 and replace with the following three entries	5
7225.10.90.10	-----Mold . . . . A moulage	
7225.10.90.20	-----Alloy tool . . . . Outil en alliage	
7225.10.90.90	-----Other . . . . Autres	
7225.20.10.00	---Cold-rolled or cold-drawn, of a thickness not exceeding 4.75 mm . . . . Laminés à froid ou étirés à froid, d'une épaisseur n'excédant pas 4,75 mm	6
7225.20.90	---Other, of high speed steel . . . . Autres, en acier à coupe rapide	3
7225.20.90.10	Renumber 7225.20.90.20 -----Of a thickness exceeding 4.75 mm . . . . . D'une épaisseur excédant 4,75 mm	5
7225.20.90.20	Renumber 7225.20.90.10 -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	5
7225.40.00.10	New class -----Heat treated . . . . Traités à chaud	5
7225.40.00.90	New class -----Other . . . . Autres	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
	New class	
7225.40.00.91	------Of a width not exceeding 1,525 mm . . . . D'une largeur n'excédant pas 1.525 mm	5
	New class	
7225.40.00.92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm . . . . D'une largeur excédant 1.525 mm mais n'excédant pas 1.830 mm	5
	New class	
7225.40.00.93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm . . . . D'une largeur excédant 1.830 mm mais n'excédant pas 2.450 mm	5
	New class	
7225.40.00.94	------Of a width exceeding 2,450 mm . . . . D'une largeur excédant 2.450 mm	5
7225.50.10.00	---Of a thickness not exceeding 4.75 mm . . . . D'une épaisseur n'excédant pas 4,75 mm	6
7225.50.20.00	---Of a thickness exceeding 4.75 mm . . . . D'une épaisseur excédant 4,75 mm	6
7225.90.00.10	Delete 7225.90.00.10 and 7225.90.00.20 and replace with the following five entries	5
7225.90.00.10	-----Plated or coated with lead or lead-tin alloys and of a thickness not exceeding 4.75 mm . . . . Revêtus de plomb ou d'alliages de plomb et d'étain et d'une épaisseur n'excédant pas 4,75 mm	
7225.90.00.20	-----Plated or coated with tin and of a thickness not exceeding 4.75 mm . . . . Revêtus d'étain et d'une épaisseur n'excédant pas 4,75 mm	
7225.90.00.30	-----Plated or coated with zinc and of a thickness not exceeding 4.75 mm . . . . Revêtus de zinc et d'une épaisseur n'excédant pas 4,75 mm	
7225.90.00.40	-----Plated or coated with aluminum and of a thickness not exceeding 4.75 . . . . Revêtus d'aluminium et d'une épaisseur n'excédant pas 4,75 mm	

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7225.90.00.50	-----Plated or coated with vitreous enamel and of a thickness not exceeding 4.75 mm . . . Revêtus d'émail vitreux et d'une épaisseur n'excédant pas 4,75 mm	
7225.90.00.90	-----Other flat-rolled products . . . . Autres produits laminés plats	3
7226.10.10	---Cold-rolled, of a thickness not exceeding 4.75 mm . . . . Laminés à froid, d'une épaisseur n'excédant pas 4,75 mm	6
7226.10.10.10	Delete from 7226.10.10.10 to 7226.10.10.90 and replace with the following four entries	5
7226.10.10.10	-----Of a thickness not exceeding 0.28 mm . . . D'une épaisseur n'excédant pas 0,28 mm	
7226.10.10.20	-----Of a thickness exceeding 0.28 mm but not exceeding 0.45 mm . . . . D'une épaisseur excédant 0,28 mm mais n'excédant pas 0,45 mm	
7226.10.10.30	-----Of a thickness exceeding 0.45 mm but not exceeding 0.65 mm . . . . D'une épaisseur excédant 0,45 mm mais n'excédant pas 0,65 mm	
7226.10.10.40	-----Of a thickness exceeding 0.65 mm but not exceeding 4.75 mm . . . . D'une épaisseur excédant 0,65 mm mais n'excédant pas 4,75 mm	
7226.10.90.00	---Other, of silicon-electrical steel . . . . . Autres, en aciers au silicium dits "magnétiques"	3
7226.20.10.00	---Cold-rolled, of a thickness not exceeding 4.75 mm . . . . Laminés à froid, d'une épaisseur n'excédant pas 4,75 mm	6
7226.20.90.00	---Other, of high speed steel . . . . Autres, en aciers à coupe rapide	3
7226.20.90.10	New class -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	5

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7226.20.90.20	New class -----Of a thickness exceeding 4.75 mm . . . . . D'une épaisseur excédant 4,75 mm	5
7226.91.00.10	New class -----Flat grader blade sections . . . . Sections de lame plate de niveleuse	5
7226.91.00.90	New class -----Other . . . . Autres	5
7226.92.10.00	---Of a thickness not exceeding 4.75 mm . . . . D'une épaisseur n'excédant pas 4,75 mm	6
7226.92.20.00	---Of a thickness exceeding 4.75 mm . . . . D'une épaisseur excédant 4,75 mm	6
7226.99.00.10	Delete 7226.99.00.10 and 7226.99.00.20 and replace with the following five entries	5
7226.99.00.10	-----Plated or coated with lead or lead-tin alloys and of a thickness not exceeding 4.75 mm . . . . Revêtus de plomb ou d'alliages de plomb et d'étain et d'une épaisseur n'excédant pas 4,75 mm	
7226.99.00.20	------Plated or coated with tin and of a thickness not exceeding 4.75 mm . . . . . . Revêtus d'étain et d'une épaisseur n'excédant pas 4,75 mm	
7226.99.00.30	------Plated or coated with zinc and of a thickness not exceeding 4.75 mm . . . . . . Revêtus de zinc et d'une épaisseur n'excédant pas 4,75 mm	
7226.99.00.40	------Plated or coated with aluminum and of a thickness not exceeding 4.75 mm . . . . . . Revêtus d'aluminium et d'une épaisseur n'excédant pas 4,75 mm	
7226.99.00.50	-----Plated or coated with vitreous enamel and of a thickness not exceeding 4.75 mm . Revêtus d'émail vitreux et d'une épaisseur n'excédant pas 4,75 mm	
7226.99.00.90	-----Other flat-rolled products . . . . Autres produits laminés plats	3
7227.20.00.10	Delete this class	2

TABLE 72.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7227.20.00.20	Renumber 7227.20.00.10	2
7227.20.00.30	Renumber 7227.20.00.20	2
7227.20.00.40	Renumber 7227.20.00.30	2
7227.90.00.10	Delete this class	2
7227.90.00.11	Delete this class	5
7227.90.00.19	Delete this class	5
7227.90.00.20	Delete this class	5
7227.90.00.30	Delete this class	5
7227.90.00.40	Delete this class	5
7227.90.00.90	Delete this class	5
7228.70.10.21	------Of a height not exceeding 150 mm . . . . . D'une hauteur n'excédant pas 150 mm	5
7228.70.10.22	------Of a height exceeding 150 mm . . . . D'une hauteur excédant 150 mm	5
7228.70.10.41	Delete this class	2
7228.70.10.49	Delete this class	2
7228.70.90.40	New class -----Curved grader blade sections . . . . Sections de lame courbée de niveleuse	5
7228.80.10.11	New class ------Alloy steel . . . . En aciers alliés	5
7228.80.10.19	New class ------Other . . . . Autres	5
7228.80.10.91	New class ------Alloy steel . . . . En aciers alliés	5
7228.80.10.99	New class ------Other . . . . Autres	5
7228.80.90	---Other hollow drill bars and rods . . . . . . Autres barres creuses pour le forage	3

TABLE 72.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
7228.80.90.11	New class ------Alloy steel En aciers alliés	5
7228.80.90.19	New class ------Other Autres	5
7228.80.90.91	New class ------Alloy steel En aciers alliés	5
7228.80.90.99	New class ------Other Autres	5
7229.90.00	-Other alloy steel Autres aciers alliés	3
7229.90.00.11	------Cold heading and forging quality	4

Chapter 72

IRON AND STEEL

Legal Notes.

*

1. In this Chapter and, in the case of Notes (d), (e) and (f) throughout the Nomenclature, the following expressions have the meanings hereby assigned to them:

   (a) **Pig Iron**

   Iron-carbon alloys not usefully malleable, containing more than 2 % by weight of carbon and which may contain by weight one or more other elements within the following limits:

   - not more than 10 % of chromium
   - not more than 6 % of manganese
   - not more than 3 % of phosphorous
   - not more than 8 % of silicon
   - a total of not more than 10 % of other elements.

   (b) **Spiegeleisen**

   Iron-carbon alloys containing by weight more than 6 % but not more than 30 % of manganese and otherwise conforming to the specification at (a) above.

   (c) **Ferro-alloys**

   Alloys in pigs, blocks, lumps or similar primary forms, in forms obtained by continuous casting and also in granular or powder forms, whether or not agglomerated, commonly used as an additive in the manufacture of other alloys or as de-oxidants, de-sulphurising agents or for similar uses in ferrous metallurgy and generally not usefully malleable, containing by weight 4 % or more of the element iron and one or more of the following:

   - more than 10 % of chromium
   - more than 30 % of manganese
   - more than 3 % of phosphorous
   - more than 8 % of silicon
   - a total of more than 10 % of other elements, excluding carbon, subject to a maximum content of 10 % in the case of copper.

   (d) **Steel**

   Ferrous materials other than those of heading No. 72.03 which (with the exception of certain types produced in the form of castings) are usefully malleable and which contain by weight 2 % or less or carbon. However, chromium steels may contain higher proportions of carbon.

(e) Stainless steel

Alloy steels containing, by weight, 1.2 % or less of carbon and 10.5 % or more of chromium, with or without other elements.

(f) Other alloy steel

Steels not complying with the definition of stainless steel and containing by weight one or more of the following elements in the proportion shown:

- 0.3 % or more of aluminum
- 0.0008 % or more of boron
- 0.3 % or more of chromium
- 0.3 % or more of cobalt
- 0.4 % or more of copper
- 0.4 % or more of lead
- 1.65 % or more of manganese
- 0.08 % or more of molybdenum
- 0.3 % or more of nickel
- 0.06 % or more of niobium
- 0.6 % or more of silicon
- 0.05 % or more of titanium
- 0.3 % or more of tungsten (wolfram)
- 0.1 % or more of vanadium
- 0.05 % or more of zirconium
- 0.1 % or more of other elements (except sulphur, phosphorus, carbon and nitrogen), taken separately.

(g) Remelting scrap ingots of iron or steel

Products roughly cast in the form of ingots without feeder-heads or hot tops, or of pigs, having obvious surface faults and not complying with the chemical composition of pig iron, spiegeleisen or ferro-alloys.

(h) Granules

Products of which less than 90 % by weight passes through a sieve with a mesh aperture of 1 mm and of which 90 % or more by weight passes through a sieve with a mesh aperture of 5 mm.

(ij) Semi-finished products

Continuous cast products of solid section, whether or not subjected to primary hot-rolling; and

Other products of solid section, which have not been further worked than subjected to primary hot-rolling or roughly shaped by forging, including blanks for angles, shapes or sections.

These products are not present in coils.

(k) Flat-rolled products

Rolled products of solid rectangular (other than square) cross-section, which do not conform to the definition at (ij) above in the form of:

- coils of successively superimposed layers, or
- straight lengths, which if of a thickness less than 4.75 mm are of a width measuring at least ten times the thickness or if of a thickness of 4.75 mm or more are of a width which exceeds 150 mm and measures at least twice the thickness.

Flat-rolled products include those with patterns in relief derived directly from rolling (for example, grooves, ribs, chequers, tears, buttons, lozenges) and those which have been perforated, corrugated or polished, provided that they do not thereby assume the character of articles or products of other headings.

Flat-rolled products of a shape other than rectangular or square, of any size are to be classified as products of a width of 600 mm or more, provided that they do not assume the character of articles or products of other headings.

(l) Bars and rods, hot-rolled, in irregularly wound coils

Hot-rolled products in irregularly wound coils, which have a solid cross-section in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other convex polygons. These products may have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods).

(m) Other bars and rods

Products which do not conform to any of the definitions at (ij), (k) or (l) above or to the definition of wire, which have a uniform solid cross-section along their whole length in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other convex polygons. These products may:

- have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods);
- be twisted after rolling.

(n) **Angles, shapes and sections**

Products having a uniform solid cross-section along their whole length which do not conform to any of the definitions at (ij), (k), (l), or (m) above or to the definition of wire.

Chapter 72 does not include products of heading No. 73.01 or 73.02.

(o) **Wire**

Cold-formed products in coils, of any uniform solid cross-section along their whole length, which do not conform to the definition of flat-rolled products.

(p) **Hollow drill bars and rods**

Hollow bars and rods of any cross-section, suitable for drills, of which the greatest external dimension of the cross-section exceeds 15 mm but does not exceed 52 mm, and of which the greatest internal dimension does not exceed one half of the greatest external dimension. Hollow bars and rods of iron or steel not conforming to this definition are to be classified in heading No. 73.04.

2. Ferrous metals clad with another ferrous metal are to be classified as products of the ferrous metal predominating by weight.

3. Iron or steel products obtained by electrolytic deposition, by pressure casting or by sintering are to be classified, according to their form, their composition and their appearance, in the headings of this Chapter appropriate to similar hot-rolled products.

Subheading Legal Notes.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Alloy pig iron**

Pig iron containing, by weight, separately or together:

- more than 0.2 % of chromium
- more than 0.3 % of copper
- more than 0.3 % of nickel
- more than 0.1 % of any of the following elements: aluminum, molybdenum, titanium, tungsten (wolfram), vanadium.

(b) **Non-alloy free-cutting steel**

Non-alloy steel containing, by weight, one or more of the following elements in the specified proportions:

- 0.08 % or more of sulphur
- 0.1 % or more of lead

- more than 0.05 % of selenium
- more than 0.01 % of tellurium
- more than 0.05 % of bismuth.

(c) Silicon, electrical steel

Alloy steels containing by weight at least 0.6 % but not more than 6 % of silicon and not more than 0.08 % of carbon. They may also contain by weight not more than 1 % of aluminum but no other element in a proportion that would give the steel the characteristics of another alloy steel.

(d) High speed steel

Alloy steels containing, with or without other elements, at least two of the three elements molybdenum, tungsten and vanadium with a combined content by weight of 7 % or more, 0.6 % or more of carbon and 3 to 6 % of chromium.

(e) Silico-manganese steel

Alloy steels containing by weight:

- 0.35 % or more but not more than 0.7 % of carbon,
- 0.5 % of more but not more than 1.2 % of manganese, and
- 0.6 % or more but not more than 2.3 % of silicon, but not containing any other element in a proportion that would give the steel the characteristics of another alloy steel.

2. For the classification of ferro-alloys in the subheadings of heading No. 72.02 the following rule should be observed:

A ferro-alloy is considered as binary and classified under the relevant subheading (if it exists) if only one of the alloy elements exceeds the minimum percentage laid down in Chapter Note 1 (c); by analogy, it is considered respectively as ternary or quaternary if two or three alloy elements exceed the minimum percentage.

For the application of this rule the unspecified "other elements" referred to in Chapter Note 1 (c) must each exceed 10 % by weight.

TABLE 72.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	SUB-CHAPTER I. - PRIMARY MATERIALS; PRODUCTS IN GRANULAR OR POWDER FORM						
72.01	**Pig iron and spiegeleisen in pigs, blocks or other primary forms.**						
7201.10.00.00	-Non alloy pig iron containing by weight 0.5 % or less of phosphorus	tonne	Free	Free	$2.76 /tonne	Free	
7201.20.00.00	-Non alloy pig iron containing by weight more than 0.5 % of phosphorus	tonne	Free	Free	$2.76 /tonne	Free	
7201.30.00.00	-Alloy pig iron	tonne	Free	Free	$2.76 /tonne	Free	
7201.40.00.00	-Spiegeleisen	tonne	Free	$8.80 /tonne	$27.60 /tonne	Free	
72.02	**Ferro-alloys.**						
	-Ferro-manganese						
7202.11	--Containing by weight more than 2 % of carbon						*
7202.11.10.	---Containing by weight not more than 1 % of silicon		Free	0.88¢/ kg, or fraction thereof, on the Mn content	2.76¢/ kg, or fraction thereof, on the Mn content	Free	*
10	-----Containing by weight more than 2 % but not more than 3 % of carbon	kg					*
20	-----Containing by weight more than 3 % of carbon	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7202.11.20.	---Containing by weight more than 1 % of silicon		Free	1.54¢/ kg, or fraction thereof, on the Mn content	3.86¢/ kg, or fraction thereof, on the Mn content	Free	*
10	-----Containing by weight more than 2 % but not more than 3 % of carbon	kg					*
20	-----Containing by weight more than 3 % of carbon	kg					*
7202.19	--Other						*
7202.19.10.	---Containing by weight not more than 1 % of silicon		Free	0.88¢/kg on the Mn content	2.76¢/kg on the Mn content	Free	*
10	-----Containing by weight more than 2 % but not more than 3 % of carbon	kg					*
20	-----Containing by weight more than 3 % of carbon	kg					*
7202.19.20.	---Containing by weight more than 1 % of silicon		Free	1.54¢/kg on the Mn content	3.86¢/kg on the Mn content	Free	*
10	-----Containing by weight 0.75 % or less of carbon	kg					*
20	-----Containing by weight more than 0.75 % but not more than 2 % of carbon	kg					*
	-Ferro-silicon						
7202.21	--Containing by weight more than 55 % of silicon						*
7202.21.10.00	---Containing by weight less than 60 % of silicon	kg	Free	Free	3.86¢/kg on the silicon content	Free	*
7202.21.20.00	---Containing by weight 60 % or more but less than 90 % of silicon	kg	Free	1.54¢/kg on the silicon content	6.06¢/kg on the silicon content	Free	*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7202.21.30.00	---Containing by weight 90 % or more of silicon	kg	Free	4.41¢/kg on the silicon content	12.1¢/kg on the silicon content	Free	*
7202.29.00.	---Other		Free	Free	3.86¢/kg on the silicon content	Free	*
10	-----Containing by weight more than 45 % but not more than 55 % of silicon	kg					*
20	-----Containing by weight not more than 45 % of silicon	kg					*
7202.30.00.00	-Ferro-silico-manganese	kg	Free	1.54¢/ kg, or fraction thereof, on the silicon content	3.86¢/ kg, or fraction thereof, on the silicon content	Free	*
	-Ferro-chromium						
7202.41.00.00	---Containing by weight more than 4 % of carbon	kg	10.2%	10.2%	25%	6.5%	
7202.49.00.00	---Other	kg	10.2%	10.2%	25%	6.5%	
7202.50.00.00	-Ferro-silico-chromium	kg	10.2%	10.2%	25%	6.5%	
7202.60.00.00	-Ferro-nickel	kg	10.2%	10.2%	25%	6.5%	
7202.70.00.00	-Ferro-molybdenum	kg	10.2%	10.2%	25%	6.5%	
7202.80.00.00	-Ferro-tungsten and ferro-silico-tungsten .	kg	10.2%	10.2%	25%	6.5%	
	-Other						
7202.91.00.00	---Ferro-titanium and ferro-silico-titanium .	kg	10.2%	10.2%	25%	6.5%	
7202.92.00.00	---Ferro-vanadium	kg	10.2%	10.2%	25%	6.5%	
7202.93.00.00	---Ferro-niobium	kg	10.2%	10.2%	25%	6.5%	
7202.99.00.	---Other		10.2%	10.2%	25%	6.5%	
10	-----Ferro-phosphorus	kg					
20	-----Ferro-silico-calcium	kg					
30	-----Ferro-zirconium	kg					
90	-----Other ferro-alloys	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
72.03	**Ferrous products obtained by direct reduction of iron ore and other spongy ferrous products, in lumps, pellets or similar forms; iron having a minimum purity by weight of 99.94 %, in lumps, pellets or similar forms.**						
7203.10.00.00	-Ferrous products obtained by direct reduction of iron ore	tonne	Free	Free	Free	Free	
7203.90.00.00	-Other	tonne	Free	4%	25%	Free	
72.04	**Ferrous waste and scrap; remelting scrap ingots of iron or steel.**						
7204.10.00.00	-Waste and scrap of cast iron	tonne	Free	Free	Free	Free	
	-Waste and scrap of alloy steel						
7204.21.00.00	--Of stainless steel	tonne	Free	Free	Free	Free	
7204.29.00.00	--Other	tonne	Free	Free	Free	Free	
7204.30.00.00	-Waste and scrap of tinned iron or steel . .	tonne	Free	Free	Free	Free	
	-Other waste and scrap						
7204.41.00.00	--Turnings, shavings, chips, milling waste, sawdust, filings, trimmings and stampings, whether or not in bundles	tonne	Free	Free	Free	Free	
7204.49.00.00	--Other	tonne	Free	Free	Free	Free	
7204.50.00.00	-Remelting scrap ingots	tonne	Free	Free	$5.51 /tonne	Free	
72.05	**Granules and powders, of pig iron, spiegeleisen, iron or steel.**						
7205.10	-Granules						
7205.10.10.00	---Shot	tonne	10%	10.2%	35%	6.5%	
7205.10.90.00	---Other	tonne	9%	9%	30%	6%	*
	-Powders						
7205.21	--Of alloy steel						
7205.21.10.00	---Stainless steel powder for use as a filter media in the spinneret pack used in the production of man-made fibres . .	tonne	Free	Free	35%	Free	

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7205.21.90.	—Other powders of alloy steel		10%	10.2%	35%	6.5%	*
10	-----Of lamellar stainless steel	tonne					*
90	-----Other	tonne					*
7205.29.00.00	—Other	tonne	Free	4%	25%	Free	
	SUB-CHAPTER II. - IRON AND NON-ALLOY STEEL						
72.06	**Iron and non-alloy steel in ingots or other primary forms (excluding iron of heading No. 72.03).**						
7206.10.00.00	-Ingots	tonne	Free	Free	5%	Free	
7206.90.00.00	-Other	tonne	Free	4%	25%	Free	
72.07	**Semi-finished products of iron or non-alloy steel.**						
	-Containing by weight less than 0.25 % of carbon						
7207.11.00.	--Of rectangular (including square) cross-section, the width measuring less than twice the thickness		Free	4%	10%	Free	
10	-----Of iron	tonne					
	-----Of non-alloy steel						
21	------Billets	tonne					
29	------Other	tonne					
7207.12.00.00	—Other, of rectangular (other than square) cross-section	tonne	Free	4%	10%	Free	
7207.19	—Other						
7207.19.10.00	---Rounds	tonne	Free	4%	10%	Free	
7207.19.90.00	---Of other cross-section	tonne	10.2%	10.2%	30%	6.5%	*
7207.20	-Containing by weight 0.25 % or more of carbon						
7207.20.10.	---Blooms, billets, slabs, sheet bars or rounds		Free	4%	10%	Free	
10	-----Blooms	tonne					
20	-----Billets	tonne					
30	-----Slabs, sheet bars or rounds	tonne					
7207.20.90.00	---Other semi-finished products	tonne	10.2%	10.2%	30%	6.5%	*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
72.08	**Flat-rolled products of iron or non-alloy steel, of a width of 600 mm or more, hot-rolled, not clad, plated or coated.**						
	-In coils, not further worked than hot-rolled, of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa						
7208.11.00.	--Of a thickness exceeding 10 mm		5%	6.8%	20%	4.5%	
10	-----Of a width of 600 mm or more but not exceeding 1,525 mm	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
40	-----Of a width exceeding 2,450 mm	kg					*
7208.12.00.	--Of a thickness of 4.75 mm or more but not exceeding 10 mm		5%	6.8%	20%	4.5%	
10	-----Of a width of 600 mm or more but not exceeding 1,525 mm	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
40	-----Of a width exceeding 2,450 mm	kg					*
7208.13.00.	--Of a thickness of 3 mm or more but less than 4.75 mm		5%	6.8%	20%	4.5%	*
10	-----Of a width of 600 mm or more but not exceeding 1,525 mm	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
40	-----Of a width exceeding 2,450 mm	kg					*
7208.14.00.	--Of a thickness of less than 3 mm		5%	6.8%	20%	4.5%	*
10	-----Of a width of 600 mm or more but not exceeding 1,525 mm	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
40	-----Of a width exceeding 2,450 mm	kg					*

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	-Other, in coils, not further worked than hot-rolled						
7208.21.00.	--Of a thickness exceeding 10 mm		5%	6.8%	20%	4.5%	
	----Floor plate						*
11	------Of a width not exceeding 1,525 mm ..	kg					*
12	------Of a width exceeding 1,525 mm	kg					*
	----Other						*
91	------Of a width not exceeding 1,525 mm ..	kg					*
92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
94	------Of a width exceeding 2,450 mm	kg					*
7208.22.00.	--Of a thickness of 4.75 mm or more but not exceeding 10 mm		5%	6.8%	20%	4.5%	
	----Floor plate						*
11	------Of a width not exceeding 1,525 mm ..	kg					*
12	------Of a width exceeding 1,525 mm	kg					*
	----Other						*
91	------Of a width not exceeding 1,525 mm ..	kg					*
92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
94	------Of a width exceeding 2,450 mm	kg					*
7208.23.00.	--Of a thickness of 3 mm or more but less than 4.75 mm		5%	6.8%	20%	4.5%	
	----Floor plate						*
11	------Of a width not exceeding 1,525 mm ..	kg					*
12	------Of a width exceeding 1,525 mm	kg					*
	----Other						*
91	------Of a width not exceeding 1,525 mm ..	kg					*
92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
94	------Of a width exceeding 2,450 mm	kg					*
7208.24.00.	--Of a thickness of less than 3 mm		5%	6.8%	20%	4.5%	
	----Floor plate						*
11	------Of a width not exceeding 1,525 mm ..	kg					*
12	------Of a width exceeding 1,525 mm	kg					*
	----Other						*
91	------Of a width not exceeding 1,525 mm ..	kg					*
92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
94	------Of a width exceeding 2,450 mm	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	Tariffs MFN	Tariffs Gen	Tariffs GP	
	-Not in coils, not further worked than hot-rolled, of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa						
7208.31.00.00	--Rolled on four faces or in a closed box pass, of a width not exceeding 1,250 mm and of a thickness of not less than 4 mm, without patterns in relief	kg	5%	6.8%	20%	4.5%	
7208.32.00.	--Other, of a thickness exceeding 10 mm . .		5%	6.8%	20%	4.5%	
10	-----Heat treated	kg					*
	-----Other						*
91	------Of a width not exceeding 1,525 mm . .	kg					*
92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
94	------Of a width exceeding 2,450 mm but not exceeding 3,050 mm	kg					*
95	------Of a width exceeding 3,050 mm	kg					*
7208.33.00.	--Other, of a thickness of 4.75 mm or more but not exceeding 10 mm		5%	6.8%	20%	4.5%	
10	-----Heat treated	kg					*
	-----Other						*
91	------Of a width not exceeding 1,525 mm . .	kg					*
92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
94	------Of a width exceeding 2,450 mm but not exceeding 3,050 mm	kg					*
95	------Of a width exceeding 3,050 mm	kg					*
7208.34.00.	--Other, of a thickness of 3 mm or more but less than 4.75 mm		5%	6.8%	20%	4.5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
40	-----Of a width exceeding 2,450 mm	kg					*
7208.35.00.	--Other, of a thickness of less than 3 mm .		5%	6.8%	20%	4.5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
40	-----Of a width exceeding 2,450 mm	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFF

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	-Other, not in coils, not further worked than hot-rolled						
7208.41.00.00	--Rolled on four faces or in a closed box pass, of a width not exceeding 1,250 mm and of a thickness of not less than 4 mm, without patterns in relief	kg	5%	6.8%	20%	4.5%	
7208.42.00.	--Other, of a thickness exceeding 10 mm . .		5%	6.8%	20%	4.5%	
10	-----Heat treated	kg					*
	-----Other						*
91	------Of a width not exceeding 1,525 mm . .	kg					*
92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
94	------Of a width exceeding 2,450 mm but not exceeding 3,050 mm	kg					*
95	------Of a width exceeding 3,050 mm	kg					*
7208.43.00.	--Other, of a thickness of 4.75 mm or more but not exceeding 10 mm		5%	6.8%	20%	4.5%	
10	-----Heat treated	kg					*
	-----Other						*
91	------Of a width not exceeding 1,525 mm . .	kg					*
92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
94	------Of a width exceeding 2,450 mm but not exceeding 3,050 mm	kg					*
95	------Of a width exceeding 3,050 mm	kg					*
7208.44.00.	--Other, of a thickness of 3 mm or more but less than 4.75 mm		5%	6.8%	20%	4.5%	
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
40	-----Of a width exceeding 2,450 mm	kg					*
7208.45.00.	--Other, of a thickness of less than 3 mm .		5%	6.8%	20%	4.5%	
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
30	-----Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
40	-----Of a width exceeding 2,450 mm	kg					*
7208.90.00.	-Other		9.8%	9.8%	30%	6.5%	
10	-----Corrugated	kg					
90	-----Other	kg					

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
72.09	Flat-rolled products of iron or non-alloy steel, of a width of 600 mm or more, cold-rolled (cold-reduced), not clad, plated or coated.						
	-In coils, not further worked than cold-rolled (cold-reduced), of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa						
7209.11.00.	--Of a thickness of 3 mm or more		5%	6.9%	20%	4.5%	
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.12.00.	--Of a thickness exceeding 1 mm but less than 3 mm		5%	8%	25%	5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.13.00.	--Of a thickness of 0.5 mm or more but not exceeding 1 mm		5%	8%	25%	5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.14.00.	--Of a thickness of less than 0.5 mm		5%	8%	25%	5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
	-Other, in coils, not further worked than cold-rolled (cold-reduced)						
7209.21.00.	--Of a thickness of 3 mm or more		5%	7%	20%	4.5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.22.00.	--Of a thickness exceeding 1 mm but less than 3 mm		5%	8%	25%	5%	
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7209.23.00.	--Of a thickness of 0.5 mm or more but not exceeding 1 mm		5%	8%	25%	5%	
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.24.00.	--Of a thickness of less than 0.5 mm		5%	8%	25%	5%	
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
	-Not in coils, not further worked than cold-rolled (cold-reduced), of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa						
7209.31.00.	--Of a thickness of 3 mm or more		5%	7%	20%	4.5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.32.00.	--Of a thickness exceeding 1 mm but less than 3 mm		5%	8%	25%	5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.33.00.	--Of a thickness of 0.5 mm or more but not exceeding 1 mm		5%	8%	25%	5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.34.00.	--Of a thickness of less than 0.5 mm		5%	8%	25%	5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
	-Other, not in coils, not further worked than cold-rolled (cold-reduced)						
7209.41.00.	--Of a thickness of 3 mm or more		5%	7%	20%	4.5%	*
10	-----Of a width not exceeding 1,525 mm . . .	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7209.42.00.	—Of a thickness exceeding 1 mm but less than 3 mm		5%	8%	25%	5%	
10	-----Of a width not exceeding 1,525 mm	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.43.00.	—Of a thickness of 0.5 mm or more but not exceeding 1 mm		5%	8%	25%	5%	
10	-----Of a width not exceeding 1,525 mm	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.44.00.	—Of a thickness of less than 0.5 mm		5%	8%	25%	5%	
10	-----Of a width not exceeding 1,525 mm	kg					*
20	-----Of a width exceeding 1,525 mm but not exceeding 2,030 mm	kg					*
30	-----Of a width exceeding 2,030 mm	kg					*
7209.90.00.	-Other		10%	10.2%	35%	6.5%	
10	-----Corrugated	kg					
80	-----Other, perforated	kg					*
90	-----Other	kg					
72.10	**Flat-rolled products of iron or non-alloy steel, of a width of 600 mm or more, clad, plated or coated.**						
	-Plated or coated with tin						
7210.11.00.00	—Of a thickness of 0.5 mm or more	kg	7.7%	7.7%	25%	5%	*
7210.12.00.00	—Of a thickness of less than 0.5 mm	kg	7.7%	7.7%	25%	5%	*
7210.20	-Plated or coated with lead, including terne-plate						
7210.20.10.	---Of a thickness not exceeding 4.75 mm		Free	Free	15%	Free	*
10	-----Terne-plate	kg					
90	-----Other	kg					
7210.20.20.00	---Of a thickness exceeding 4.75 mm	kg	5%	6.8%	20%	4.5%	*
	-Electrolytically plated or coated with zinc						
7210.31.00.00	—Of steel of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa	kg	8%	8%	25%	5%	
7210.39.00.00	—Other	kg	8%	8%	25%	5%	

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	MFN	Gen	GP	
	-Otherwise plated or coated with zinc						
7210.41.00.00	--Corrugated	kg	8%	8%	25%	5%	
7210.49.00.00	--Other	kg	8%	8%	25%	5%	
7210.50.00.00	-Plated or coated with chromium oxides or with chromium and chromium oxides	kg	7.5%	7.5%	25%	5%	*
7210.60.00.00	-Plated or coated with aluminum	kg	7.7%	7.7%	25%	5%	
7210.70.00.00	-Painted, varnished or plastic coated . . .	kg	7.7%	7.7%	25%	5%	
7210.90.00.	-Other		7.7%	7.7%	25%	5%	
	-----Of a thickness not exceeding 4.75 mm, clad, plated or coated with other base metals						*
11	------With copper	kg					
12	------With nickel	kg					
13	------With stainless steel	kg					
19	------Other	kg					
	-----Of a thickness exceeding 4.75 mm, clad, plated, or coated with other base metals						*
21	------With nickel	kg					
22	------With stainless steel	kg					
29	------Other	kg					
90	-----Other, including with vitreous enamel .	kg					*
72.11	**Flat-rolled products of iron or non-alloy steel, of a width of less than 600 mm, not clad, plated or coated.**						
	-Not further worked than hot-rolled, of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa						
7211.11.00.00	--Rolled on four faces or in a closed box pass, of a width exceeding 150 mm and a thickness of not less than 4 mm, not in coils and without patterns in relief . . .	kg	5%	6.8%	20%	4.5%	
7211.12.00.00	--Other, of a thickness of 4.75 mm or more .	kg	5%	6.8%	20%	4.5%	
7211.19.00.00	--Other	kg	5%	6.8%	20%	4.5%	

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	MFN	Gen	GP	
	-Other, not further worked than hot-rolled						
7211.21.00.00	--Rolled on four faces or in a closed box pass, of a width exceeding 150 mm and a thickness of not less than 4 mm, not in coils and without patterns in relief . . .	kg	5%	6.8%	20%	4.5%	*
7211.22.00.	--Other, of a thickness of 4.75 mm or more .		5%	6.8%	20%	4.5%	
10	-----Flat grader blade section	kg					*
90	-----Other	kg					*
7211.29.00.00	--Other	kg	5%	6.8%	20%	4.5%	*
7211.30.00.00	-Not further worked than cold-rolled (cold-reduced), of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa . .	kg	5%	8%	25%	5%	
	-Other, not further worked than cold-rolled (cold-reduced)						
7211.41.00.00	--Containing by weight less than 0.25 % of carbon	kg	5%	7.5%	25%	5%	*
7211.49.00.00	--Other	kg	5%	7.5%	25%	5%	*
7211.90.00.	-Other		9.8%	9.8%	35%	6.5%	
10	-----Corrugated	kg					
20	-----Perforated	kg					
90	-----Other	kg					
72.12	**Flat-rolled products of iron or non-alloy steel, of a width of less than 600 mm, clad, plated or coated.**						
7212.10.00.00	-Plated or coated with tin	kg	7.9%	7.9%	25%	5%	*
	-Electrolytically plated or coated with zinc						
7212.21.00.00	--Of steel of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa	kg	7.5%	8%	25%	5%	
7212.29.00.00	--Other	kg	7.5%	8%	25%	5%	
7212.30.00.00	-Otherwise plated or coated with zinc . . .	kg	7.5%	8%	25%	5%	
7212.40.00.00	-Painted, varnished or plastic coated . . .	kg	7.8%	7.8%	25%	5%	*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	 MFN	 Gen	 GP	
7212.50	-Otherwise plated or coated						
7212.50.10.	---Plated or coated with lead or lead-tin alloys		Free	Free	15%	Free	
10	-----Terne-plate	kg					
90	-----Other	kg					
7212.50.90.	---Other		7.9%	7.9%	25%	5%	*
	-----Plated or coated with other base metals, of a thickness not exceeding 4.75 mm						*
11	------With aluminum	kg					*
12	------With copper	kg					*
13	------With nickel	kg					*
19	------Other	kg					*
20	-----Plated or coated with other base metals, of a thickness exceeding 4.75 mm	kg					*
90	-----Other	kg					*
7212.60.00.	-Clad		7.7%	7.7%	25%	5%	
10	-----With nickel	kg					
20	-----With stainless steel	kg					
90	-----Other	kg					
72.13	**Bars and rods, hot-rolled, in irregularly wound coils, of iron or non-alloy steel.**						
7213.10.00.00	-Containing indentations, ribs, grooves or other deformations produced during the rolling process	kg	5%	6.8%	20%	Free	
7213.20.00.	-Of free-cutting steel		5%	6.8%	20%	Free	
10	-----Rounds of a diameter not exceeding 75 mm	kg					
20	-----Hexagons	kg					
30	-----Squares	kg					
90	-----Other	kg					
	-Other, containing by weight less than 0.25 % of carbon						
7213.31.00.00	--Of circular cross-section measuring less than 14 mm in diameter	kg	5%	6.8%	20%	Free	

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7213.39.00.	--Other		5%	6.8%	20%	Free	
	-----Rounds						*
11	------Of a diameter of 14 mm or more but not exceeding 35 mm	kg					*
12	------Of a diameter exceeding 35 mm	kg					*
20	-----Hexagons	kg					
30	-----Squares	kg					
90	-----Other	kg					
	-Other, containing by weight 0.25 % or more but less than 0.6 % of carbon						
7213.41.00.00	--Of circular cross-section measuring less than 14 mm in diameter	kg	5%	6.8%	20%	Free	
7213.49.00.	--Other		5%	6.8%	20%	Free	
	-----Rounds						*
11	------Of a diameter of 14 mm or more but not exceeding 35 mm	kg					*
12	------Of a diameter exceeding 35 mm	kg					*
20	-----Hexagons	kg					
30	-----Squares	kg					
90	-----Other	kg					
7213.50.00.	-Other, containing by weight 0.6 % or more of carbon		5%	6.8%	20%	Free	
	-----Rounds						*
11	------Of a diameter of 14 mm or more but not exceeding 35 mm	kg					*
12	------Of a diameter exceeding 35 mm	kg					*
20	-----Hexagons	kg					
30	-----Squares	kg					
90	-----Other	kg					
72.14	**Other bars and rods of iron or non-alloy steel, not further worked than forged, hot-rolled, hot-drawn or hot-extruded, but including those twisted after rolling.**						
7214.10.00.00	-Forged	kg	5%	7.3%	20%	4.5%	
7214.20.00.00	-Containing indentations, ribs, grooves or other deformations produced during the rolling process or twisted after rolling	kg	5%	6.8%	20%	Free	

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	MFN	Gen	GP
7214.30.00.	-Of free-cutting steel		5%	6.8%	20%	Free
	-----Flat bars					
11	------Of a width not exceeding 75 mm	kg				
12	------Of a width exceeding 75 mm but less than 150 mm	kg				
13	------Of a width of 150 mm or more	kg				
	-----Rounds					
21	------Of a diameter not exceeding 75 mm	kg				
22	------Of a diameter exceeding 75 mm	kg				
30	-----Hexagons	kg				
40	-----Squares	kg				
90	-----Other	kg				
7214.40.00.	-Other, containing by weight less than 0.25 % of carbon		5%	6.8%	20%	Free
	-----Flat bars					
11	------Of a width not exceeding 75 mm	kg				
12	------Of a width exceeding 75 mm but less than 150 mm	kg				
13	------Of a width of 150 mm or more	kg				
	-----Rounds					
21	------Of a diameter not exceeding 75 mm	kg				
22	------Of a diameter exceeding 75 mm	kg				
30	-----Hexagons	kg				
40	-----Squares	kg				
90	-----Other	kg				
7214.50.00.	-Other, containing by weight 0.25 % or more but less than 0.6 % of carbon		5%	6.8%	20%	Free
	-----Flat bars					
11	------Of a width not exceeding 75 mm	kg				
12	------Of a width exceeding 75 mm but less than 150 mm	kg				
13	------Of a width of 150 mm or more	kg				
	-----Rounds					
21	------Of a diameter not exceeding 75 mm	kg				
22	------Of a diameter exceeding 75 mm	kg				
30	-----Hexagons	kg				
40	-----Squares	kg				
90	-----Other	kg				
7214.60.00.	-Other, containing by weight 0.6 % or more of carbon		5%	6.8%	20%	Free
	-----Flat bars					
11	------Of a width not exceeding 75 mm	kg				
12	------Of a width exceeding 75 mm but less than 150 mm	kg				
13	------Of a width of 150 mm or more	kg				

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7214.60.00.	-----Rounds						
(cont.) 21	------Of a diameter not exceeding 75 mm . .	kg					
22	------Of a diameter exceeding 75 mm	kg					
	-----Other						
91	------Hexagons	kg					
92	------Squares	kg					
99	------Other	kg					
72.15	**Other bars and rods of iron or non-alloy steel.**						
7215.10.00.	-Of free-cutting steel, not further worked than cold-formed or cold-finished		5%	8%	25%	Free	
10	-----Flat bars	kg					
20	-----Rounds	kg					
30	-----Squares	kg					
40	-----Hexagons	kg					*
90	-----Other	kg					
7215.20.00.	-Other, not further worked than cold-formed or cold-finished, containing by weight less than 0.25 % of carbon		5%	8%	25%	Free	
10	-----Flat bars	kg					
	-----Rounds						*
21	------Ground, turned or polished	kg					*
29	------Other	kg					*
30	-----Squares	kg					
40	-----Hexagons	kg					*
90	-----Other	kg					
7215.30.00.	-Other, not further worked than cold-formed or cold-finished, containing by weight 0.25 % or more but less than 0.6 % of carbon		5%	8%	25%	Free	
10	-----Flat bars	kg					
20	-----Rounds	kg					
30	-----Squares	kg					
40	-----Hexagons	kg					*
90	-----Other	kg					
7215.40.00.	-Other, not further worked than cold-formed or cold-finished, containing by weight 0.6 % or more of carbon		5%	8%	25%	Free	
10	-----Flat bars	kg					
20	-----Rounds	kg					
30	-----Squares	kg					
40	-----Hexagons	kg					*
90	-----Other	kg					

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7215.90.00.	-Other		5%	8%	25%	5%	*
10	-----Chrome plated	kg					*
90	-----Other	kg					*
72.16	**Angles, shapes and sections of iron or non-alloy steel.**						
7216.10.00.	-U, I or H section, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80 mm		5%	6.8%	20%	4.5%	
	-----U sections						
11	------American standard	kg					
12	------For motor vehicles or for ships	kg					*
19	------Other	kg					
	-----I sections						
21	------American standard	kg					
29	------Other	kg					
30	-----H sections	kg					
	-L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80 mm						
7216.21.00.	--L sections		5%	6.8%	20%	4.5%	
10	-----Equal legs	kg					
20	-----Unequal legs	kg					
7216.22.00.00	--T sections	kg	5%	6.8%	20%	4.5%	
	-U, I or H sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80 mm or more						
7216.31.00.	--U sections		5%	6.8%	20%	4.5%	
	-----Of a height of 80 mm or more but not exceeding 152.4 mm						*
11	------American standard	kg					
12	------For motor vehicles or for ships	kg					*
19	------Other	kg					
	-----Of a height exceeding 152.4 mm						*
21	------American standard	kg					
22	------For motor vehicles or for ships	kg					*
29	------Other	kg					

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7216.32.00.	—I sections		5%	6.8%	20%	4.5%	
	-----Wide flange						
11	------Of a height up to but not exceeding 150 mm	kg					*
12	------Of a height exceeding 150 mm but not exceeding 355 mm	kg					*
13	------Of a height exceeding 355 mm but not exceeding 635 mm	kg					*
14	------Of a height exceeding 635 mm	kg					*
	-----Other						*
91	------Of a height of 80 mm or more but not exceeding 152.4 mm	kg					*
92	------Of a height exceeding 152.4 mm	kg					*
7216.33.00.	—H sections		5%	6.8%	20%	4.5%	
	-----Wide flange						
11	------Of a height up to but not exceeding 150 mm	kg					*
12	------Of a height exceeding 150 mm but not exceeding 355 mm	kg					*
13	------Of a height exceeding 355 mm but not exceeding 635 mm	kg					*
14	------Of a height exceeding 635 mm	kg					*
20	-----Bearing pile	kg					*
	-----Other H sections						
91	------Of a height of 80 mm or more but not exceeding 152.4 mm	kg					*
92	------Of a height exceeding 152.4 mm	kg					*
7216.40.00.	-L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80 mm or more		5%	6.8%	20%	4.5%	
	-----L sections, equal legs						
11	------Of a height of 80 mm or more but not exceeding 152.4 mm	kg					*
12	------Of a height exceeding 152.4 mm	kg					*
	-----L sections, unequal legs						
21	------Large leg of a height of 80 mm or more but not exceeding 152.4 mm . . .	kg					*
22	------Large leg of a height exceeding 152.4 mm	kg					*
	-----T sections						
31	------Stem of a height of 80 mm or more but not exceeding 152.4 mm	kg					*
32	------Stem of a height exceeding 152.4 mm .	kg					*
7216.50.00.	-Other angles, shapes and sections, not further worked than hot-rolled, hot-drawn or extruded		5%	6.8%	20%	4.5%	*
10	-----Curved grader blade sections	kg					*
90	-----Other	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7216.60.00.00	-Angles, shapes and sections, not further worked than cold-formed or cold-finished .	kg	5%	6.8%	20%	4.5%	
7216.90	-Other						
	---Ribbed shapes						
7216.90.11.00	----Plated or coated with lead or lead-tin alloys	kg	Free	Free	15%	Free	
7216.90.19.00	----Other ribbed shapes	kg	7.5%	8%	20%	5%	*
7216.90.90.	---Other than ribbed shapes		10.2%	10.2%	40%	6.5%	*
10	-----L sections	kg					
20	-----I or H sections	kg					
30	-----U sections	kg					
90	-----Other	kg					
72.17	**Wire of iron or non-alloy steel.**						
	-Containing by weight less than 0.25 % of carbon						
7217.11.00.	--Not plated or coated, whether or not polished		5%	5.7%	20%	Free	
10	-----For the manufacture of nails (cold-heading stock)	kg					*
20	-----For the manufacture of wire rope . . .	kg					
30	-----For the manufacture of welding wire . .	kg					
90	-----Other	kg					
7217.12.00.	--Plated or coated with zinc		5%	6.8%	20%	Free	
	-----Round						
11	------For the manufacture of wire rope . . .	kg					
19	------Other	kg					
20	-----Flat	kg					
90	-----Other, plated or coated with zinc . . .	kg					*
7217.13.00.	--Plated or coated with other base metals .		5%	6.8%	20%	Free	
10	-----With copper	kg					
20	-----With tin	kg					
30	-----With aluminum	kg					
90	-----Other	kg					
7217.19.00.	--Other, containing by weight less than 0.25 % of carbon		5%	68%	20%	Free	*
	-----Round						
11	------Liquor finish	kg					
19	------Other	kg					
20	-----Flat	kg					
90	-----Other	kg					

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	-Containing by weight 0.25 % or more but less than 0.6 % of carbon						
7217.21.00.	--Not plated or coated, whether or not polished		5%	5.7%	20%	Free	
	-----Round						
11	------For the manufacture of nails (cold-heading stock)	kg					*
12	------For the manufacture of wire rope . . .	kg					*
13	------For the manufacture of welding wire .	kg					*
19	------Other	kg					*
20	-----Flat	kg					*
90	-----Other	kg					*
7217.22.00.	--Plated or coated with zinc		5%	6.8%	20%	Free	
	-----Round						
11	------For the manufacture of wire rope . . .	kg					
19	------Other	kg					
20	-----Flat	kg					
90	-----Other, plated or coated with zinc . . .	kg					
7217.23.00.	--Plated or coated with other base metals .		5%	6.8%	20%	Free	*
	-----Round						
11	------With copper	kg					
12	------With tin	kg					
13	------With aluminum	kg					
19	------Other	kg					
20	-----Flat	kg					
90	-----Other	kg					
7217.29.00.	--Other, containing by weight 0.25 % or more but less than 0.6 % of carbon		5%	6.8%	20%	Free	*
	-----Round						
11	------Liquor finish	kg					
19	------Other	kg					
20	-----Flat	kg					
90	-----Other	kg					
	-Containing by weight 0.6 % or more of carbon						
7217.31.00.	--Not plated or coated, whether or not polished		5%	5.7%	20%	Free	
	-----Round						
11	------For the manufacture of nails (cold-heading stock)	kg					*
12	------For the manufacture of wire rope . . .	kg					*
13	------For the manufacture of welding wire .	kg					*
19	------Other	kg					*
20	-----Flat	kg					*
90	-----Other	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7217.32.00.	—Plated or coated with zinc		5%	6.8%	20%	Free	
	——Round						
11	———For the manufacture of wire rope . . .	kg					
19	———Other, round	kg					*
20	——Flat	kg					
90	——Other, plated or coated with zinc . . .	kg					*
7217.33.00.	—Plated or coated with other base metals .		5%	6.8%	20%	Free	
	——Round						
11	———With copper	kg					
12	———With tin	kg					
13	———With aluminum	kg					
19	———Other	kg					
20	——Flat	kg					
90	——Other	kg					
7217.39.00.	—Other, containing by weight 0.6 % or more of carbon		5%	6.8%	20%	Free	*
	——Round						
11	———Liquor finish	kg					
19	———Other, round	kg					*
20	——Flat	kg					
90	——Other	kg					
	SUB-CHAPTER III. - STAINLESS STEEL						
72.18	**Stainless steel in ingots or other primary forms; semi-finished products of stainless steel.**						
7218.10.00.00	-Ingots and other primary forms	tonne	Free	Free	5%	Free	
7218.90	-Other						
7218.90.10.00	——Blooms, billets, rounds, slabs or sheet bars	tonne	Free	4%	10%	Free	
7218.90.90.00	——Other semi-finished products	tonne	10.2%	10.2%	30%	6.5%	*
72.19	**Flat-rolled products of stainless steel, of a width of 600 mm or more.**						
	-Not further worked than hot-rolled, in coils						
7219.11.00.	—Of a thickness exceeding 10 mm		5%	10%	20%	5%	*
10	———Of a width not exceeding 1,830 mm . . .	kg					*
20	———Of a width exceeding 1,830 mm	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 72-30

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	MFN	Gen	GP	
7219.12.00.	—Of a thickness of 4.75 mm or more but not exceeding 10 mm		5%	10%	20%	5%	
10	-----Of a width not exceeding 1,830 mm	kg					*
20	-----Of a width exceeding 1,830 mm	kg					*
7219.13.00.00	—Of a thickness of 3 mm or more but less than 4.75 mm	kg	5%	10%	20%	5%	* *
7219.14.00.	—Of a thickness of less than 3 mm		5%	10%	20%	5%	
10	-----Of a width of 600 mm or more but not exceeding 1,520 mm	kg					
20	-----Of a width exceeding 1,520 mm	kg					
	-Not further worked than hot-rolled, not in coils						
7219.21.00.	—Of a thickness exceeding 10 mm		5%	10%	20%	5%	
10	-----Of a width not exceeding 1,830 mm	kg					*
20	-----Of a width exceeding 1,830 mm	kg					*
7219.22.00.	—Of a thickness of 4.75 mm or more but not exceeding 10 mm		5%	10%	20%	5%	*
10	-----Of a width not exceeding 1,830 mm	kg					*
20	-----Of a width exceeding 1,830 mm	kg					*
7219.23.00.00	—Of a thickness of 3 mm or more but less than 4.75 mm	kg	5%	10%	20%	5%	* *
7219.24.00.	—Of a thickness of less than 3 mm		5%	10%	20%	5%	
10	-----Of a width of 600 mm or more but not exceeding 1,520 mm	kg					
20	-----Of a width exceeding 1,520 mm	kg					
	-Not further worked than cold-rolled (cold-reduced)						
7219.31.00.	—Of a thickness of 4.75 mm or more		5%	12.5%	25%	5%	
10	-----300 Series	kg					*
90	-----Other	kg					*
7219.32.00.	—Of a thickness of 3 mm or more but less than 4.75 mm		5%	12.5%	25%	5%	*
	-----300 Series, of a width exceeding 600 mm but not exceeding 1,250 mm						
11	------Skelp	kg					*
19	------Other	kg					*
20	-----300 Series, of a width exceeding 1,250 mm	kg					* *
	-----Other, of a width exceeding 600 mm but not exceeding 1,250 mm						
81	------Skelp	kg					*
89	------Other	kg					*
90	-----Other, of a width exceeding 1,250 mm	kg					* *

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7219.33.00.	—Of a thickness exceeding 1 mm but less than 3 mm		5%	12.5%	25%	5%	
	-----300 Series, of a width exceeding 600 mm but not exceeding 1,250 mm						*
11	------Skelp	kg					*
19	------Other	kg					*
	-----300 Series, of a width exceeding 1,250 mm						*
21	------Skelp	kg					*
29	------Other	kg					*
	-----Other, of a width exceeding 600 mm but not exceeding 1,250 mm						*
81	------Skelp	kg					*
89	------Other	kg					*
	-----Other, of a width exceeding 1,250 mm						*
91	------Skelp	kg					*
99	------Other	kg					*
7219.34.00.	—Of a thickness of 0.5 mm or more but not exceeding 1 mm		5%	12.5%	25%	5%	
	-----300 Series, of a width exceeding 600 mm but not exceeding 1,250 mm						*
11	------Skelp	kg					*
19	------Other	kg					*
	-----300 Series, of a width exceeding 1,250 mm						*
21	------Skelp	kg					*
29	------Other	kg					*
	-----Other, of a width exceeding 600 mm but not exceeding 1,250 mm						*
81	------Skelp	kg					*
89	------Other	kg					*
	-----Other, of a width exceeding 1,250 mm						*
91	------Skelp	kg					*
99	------Other	kg					*
7219.35.00.	—Of a thickness of less than 0.5 mm		5%	12.5%	25%	5%	
	-----300 Series, of a width exceeding 600 mm but not exceeding 1,250 mm						*
11	------Skelp	kg					*
19	------Other	kg					*
	-----300 Series, of a width exceeding 1,250 mm						*
21	------Skelp	kg					*
29	------Other	kg					*
	-----Other, of a width exceeding 600 mm but not exceeding 1,250 mm						*
81	------Skelp	kg					*
89	------Other	kg					*
	-----Other, of a width exceeding 1,250 mm						*
91	------Skelp	kg					*
99	------Other	kg					*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 72-32

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7219.90	-Other						
7219.90.10.00	---Corrugated, cold-rolled, of a thickness not exceeding 4.75 mm	kg	5%	12.5%	25%	5%	*
7219.90.90.	---Other flat-rolled products		10%	10.2%	35%	6.5%	*
10	-----Corrugated	kg					
20	-----Other, perforated	kg					*
90	-----Other	kg					
72.20	**Flat-rolled products of stainless steel, of a width of less than 600 mm.**						
	-Not further worked than hot-rolled						
7220.11.00.00	--Of a thickness of 4.75 mm or more	kg	5%	10%	20%	5%	
7220.12.00.00	--Of a thickness of less than 4.75 mm	kg	5%	10%	20%	5%	
7220.20	-Not further worked than cold-rolled (cold-reduced)						
7220.20.10.00	---Of a thickness exceeding 4.75 mm	kg	5%	10%	20%	5%	*
7220.20.20.	---Of a thickness not exceeding 4.75 mm		5%	12.5%	25%	5%	*
	-----300 Series						*
11	------Skelp	kg					*
19	------Other	kg					*
	-----Other						*
91	------Skelp	kg					*
99	------Other	kg					*
7220.90.00.	-Other flat-rolled products		10%	10.2%	35%	6.5%	*
10	-----Perforated	kg					
90	-----Other	kg					
72.21 **7221.00.00.**	**Bars and rods, hot-rolled, in irregularly wound coils, of stainless steel**		5%	10%	20%	5%	
	-----Rounds						
11	------300 Series	kg					
19	------Other, rounds	kg					*
20	-----Wire rod	kg					
90	-----Other	kg					

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
72.22	**Other bars and rods of stainless steel; angles, shapes and sections of stainless steel.**						
7222.10.00.	-Bars and rods, not further worked than hot-rolled, hot-drawn or extruded		5%	10%	20%	5%	
	-----Rounds						
11	------300 Series	kg					
19	------Other, rounds	kg					*
90	-----Other	kg					
7222.20.00.	-Bars and rods, not further worked than cold-formed or cold-finished		5%	12.5%	25%	5%	*
10	-----300 Series	kg					*
90	-----Other	kg					*
7222.30.00.	-Other bars and rods		5%	12.5%	25%	Free	
10	-----Forged	kg					
90	-----Other	kg					
7222.40	-Angles, shapes and sections						
7222.40.10.	---Not further worked than hot-rolled or cold-rolled		5%	7.8%	20%	5%	
10	-----L sections	kg					
20	-----H or I sections	kg					
30	-----U sections	kg					
90	-----Other angles, shapes and sections	kg					*
7222.40.90.	---Other		10.2%	10.2%	40%	6.5%	
10	-----L sections	kg					
20	-----H or I sections	kg					
30	-----U sections	kg					
90	-----Other angles, shapes and sections	kg					*
72.23	**Wire of stainless steel.**						
7223.00.10.00	---Not coated or covered	kg	5%	6.8%	20%	Free	*
7223.00.20.00	---Coated or covered	kg	5%	7.8%	20%	Free	*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 72-34

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	SUB-CHAPTER IV. - OTHER ALLOY STEEL; HOLLOW DRILL BARS AND RODS, OF ALLOY OR NON-ALLOY STEEL						
72.24	**Other alloy steel in ingots or other primary forms; semi-finished products of other alloy steel.**						
7224.10.00.	-Ingots and other primary forms		Free	Free	5%	Free	
10	-----High speed or mold steel	tonne					
90	-----Other	tonne					
7224.90	-Other						
7224.90.10.	---Blooms, billets, rounds, slabs or sheet bars		Free	4%	10%	Free	
10	-----High speed or mold steel	tonne					
90	-----Other	tonne					
7224.90.90.00	---Other semi-finished products	tonne	10.2%	10.2%	30%	6.5%	*
72.25	**Flat-rolled products of other alloy steel, of a width of 600 mm or more.**						
7225.10	-Of silicon-electrical steel						
7225.10.10.	---Cold-rolled or cold-drawn, of a thickness not exceeding 4.75 mm		5%	12.5%	25%	5%	*
10	-----Of a thickness not exceeding 0.28 mm .	kg					*
20	-----Of a thickness exceeding 0.28 mm but not exceeding 0.45 mm	kg					*
30	-----Of a thickness exceeding 0.45 mm but not exceeding 0.65 mm	kg					*
40	-----Of a thickness exceeding 0.65 mm but not exceeding 4.75 mm	kg					*
7225.10.90.	---Other		5%	10%	20%	5%	
10	-----Mold	kg					*
20	-----Alloy tool	kg					*
90	-----Other	kg					*
7225.20	-Of high speed steel						
7225.20.10.00	---Cold-rolled or cold-drawn, of a thickness not exceeding 4.75 mm	kg	5%	12.5%	25%	5%	*
7225.20.90.	---Other, of high speed steel		5%	10%	20%	5%	*
10	-----Of a thickness not exceeding 4.75 mm .	kg					*
20	-----Of a thickness exceeding 4.75 mm . . .	kg					*
7225.30.00.00	-Other, not further worked than hot-rolled, in coils	kg	5%	10%	20%	5%	

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7225.40.00.	-Other, not further worked than hot-rolled, not in coils		5%	10%	20%	5%	*
10	-----Heat treated	kg					*
	-----Other						*
91	------Of a width not exceeding 1,525 mm	kg					*
92	------Of a width exceeding 1,525 mm but not exceeding 1,830 mm	kg					*
93	------Of a width exceeding 1,830 mm but not exceeding 2,450 mm	kg					*
94	------Of a width exceeding 2,450 mm	kg					*
7225.50	-Other, not further worked than cold-rolled (cold-reduced)						
7225.50.10.00	---Of a thickness not exceeding 4.75 mm	kg	5%	12.5%	25%	5%	*
7225.50.20.00	---Of a thickness exceeding 4.75 mm	kg	5%	10%	20%	5%	*
7225.90.00.	-Other		10%	10%	30%	6.5%	
10	-----Plated or coated with lead or lead-tin alloys and of a thickness not exceeding 4.75 mm	kg					*
20	-----Plated or coated with tin and of a thickness not exceeding 4.75 mm	kg					*
30	-----Plated or coated with zinc and of a thickness not exceeding 4.75 mm	kg					*
40	-----Plated or coated with aluminum and of a thickness not exceeding 4.75 mm	kg					*
50	-----Plated or coated with vitreous enamel and of a thickness not exceeding 4.75 mm	kg					*
90	-----Other flat-rolled products	kg					*
72.26	**Flat-rolled products of other alloy steel, of a width of less than 600 mm.**						
7226.10	-Of silicon-electrical steel						
7226.10.10.	---Cold-rolled, of a thickness not exceeding 4.75 mm		5%	12.5%	25%	5%	*
10	-----Of a thickness not exceeding 0.28 mm	kg					*
20	-----Of a thickness exceeding 0.28 mm but not exceeding 0.45 mm	kg					*
30	-----Of a thickness exceeding 0.45 mm but not exceeding 0.65 mm	kg					*
40	-----Of a thickness exceeding 0.65 mm but not exceeding 4.75 mm	kg					*
7226.10.90.00	---Other, of silicon-electrical steel	kg	5%	10%	20%	5%	*

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 72-36

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7226.20	-Of high speed steel						
7226.20.10.00	---Cold-rolled, of a thickness not exceeding 4.75 mm	kg	5%	12.5%	25%	5%	*
7226.20.90.	---Other, of high speed steel		5%	10%	20%	5%	*
10	-----Of a thickness not exceeding 4.75 mm .	kg					*
20	-----Of a thickness exceeding 4.75 mm . . .	kg					*
	-Other						
7226.91.00.	--Not further worked than hot-rolled		5%	10%	20%	5%	*
10	-----Flat grader blade sections	kg					*
90	-----Other	kg					*
7226.92	--Not further worked than cold-rolled (cold-reduced)						
7226.92.10.00	---Of a thickness not exceeding 4.75 mm . .	kg	5%	12.5%	25%	5%	*
7226.92.20.00	---Of a thickness exceeding 4.75 mm	kg	5%	10%	20%	5%	*
7226.99.00.	--Other		10%	10%	30%	6.5%	
10	-----Plated or coated with lead or lead-tin alloys and of a thickness not exceeding 4.75 mm	kg					*
20	-----Plated or coated with tin and of a thickness not exceeding 4.75 mm	kg					*
30	-----Plated or coated with zinc and of a thickness not exceeding 4.75 mm	kg					*
40	-----Plated or coated with aluminum and of a thickness not exceeding 4.75 mm . . .	kg					*
50	-----Plated or coated with vitreous enamel and of a thickness not exceeding 4.75 mm	kg					*
90	-----Other flat-rolled products	kg					*
72.27	**Bars and rods, hot-rolled, in irregularly wound coils, of other alloy steel.**						
7227.10.00.	-Of high speed steel		5%	10%	20%	5%	
10	-----Wire rod	kg					
90	-----Other	kg					
7227.20.00.	-Of silico-manganese steel		5%	10%	20%	5%	
10	-----Flat bars	kg					*
20	-----Rounds	kg					*
30	-----Squares	kg					*
90	-----Other	kg					
7227.90.00.00	-Other	kg	5%	10%	20%	5%	*

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs			
			BP	MFN	Gen	GP
72.28	**Other bars and rods of other alloy steel; angles, shapes and sections, of other alloy steel; hollow drill bars and rods, of alloy or non-alloy steel.**					
7228.10	-Bars and rods, of high speed steel					
7228.10.10.00	---Not further worked than hot-rolled . . .	kg	5%	10%	20%	5%
7228.10.90.00	---Other	kg	5%	12.5%	25%	Free
7228.20	-Bars and rods, of silico-manganese steel					
7228.20.10.	---Not further worked than hot-rolled . . .		5%	10%	20%	5%
10	-----Flat bars	kg				
20	-----Rounds	kg				
30	-----Squares	kg				
90	-----Other	kg				
7228.20.90.	---Other		5%	12.5%	25%	Free
10	-----Cold-drawn or cold-finished	kg				
90	-----Other	kg				
7228.30.00.	-Other bars and rods, not further worked than hot-rolled, hot-drawn or extruded . .		5%	10%	20%	5%
10	-----Flat bars	kg				
20	-----Rounds	kg				
30	-----Squares	kg				
90	-----Other	kg				
7228.40.00.	-Other bars and rods, not further worked than forged		5%	12.5%	25%	Free
10	-----Mold steel	kg				
20	-----Tool steel	kg				
90	-----Other	kg				
7228.50.00.	-Other bars and rods, not further worked than cold-formed or cold-finished		5%	12.5%	25%	5%
10	-----Mold steel	kg				
20	-----Tool steel	kg				
90	-----Other	kg				
7228.60.00.	-Other bars and rods		5%	12.5%	25%	Free
10	-----Mold steel	kg				
20	-----Tool steel	kg				
90	-----Other	kg				
7228.70	-Angles, shapes and sections					
7228.70.10.	---Not further worked than hot-rolled, cold-rolled, drawn or extruded		5%	7.0%	20%	5%
	-----L sections					
11	------Equal legs	kg				
12	------Unequal legs	kg				

TABLE 72.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number		Description of Goods	Unit of Meas.	Tariffs				
				BP	MFN	Gen	GP	
7228.70.10.		----Wide flange H sections						
(cont.)	21	------Of a height not exceeding 150 mm	kg					*
	22	------Of a height exceeding 150 mm	kg					*
	30	-----Other H sections	kg					
	40	-----I sections	kg					*
	50	-----U sections	kg					
	60	-----T sections	kg					
	70	-----Z sections	kg					
		-----Other shapes or sections						
	91	------Bearing pile	kg					
	99	------Other	kg					
7228.70.90.		---Other		10%	10%	35%	6.5%	
	10	-----L sections	kg					
	20	-----H or I sections	kg					
	30	-----U sections	kg					
	40	-----Curved grader blade sections	kg					*
	90	-----Other	kg					
7228.80		-Hollow drill bars and rods						
7228.80.10.		---Not further worked than hot-rolled		5%	10%	20%	5%	
		-----Round						*
	11	------Alloy steel	kg					*
	19	------Other	kg					*
		-----Other						*
	91	------Alloy steel	kg					*
	99	------Other	kg					*
7228.80.90.		---Other hollow drill bars and rods		5%	12.5%	25%	5%	*
		-----Round						*
	11	------Alloy steel	kg					*
	19	------Other	kg					*
		-----Other						*
	91	------Alloy steel	kg					*
	99	------Other	kg					*
72.29		**Wire of other alloy steel.**						
7229.10.00.		-Of high speed steel		5%	7.1%	20%	Free	*
	10	-----Not coated or covered	kg					
	20	-----Coated or covered	kg					
7229.20.00.		-Of silico-manganese steel		5%	7.1%	20%	Free	*
	10	-----Not coated or covered	kg					
	20	-----Coated or covered	kg					

TABLE 72.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	MFN	Gen	GP	
7229.90.00.	-Other alloy steel		5%	7.1%	20%	Free	*
	-----Not coated or covered						
11	------Cold heading and forging quality . . .	kg					*
19	------Other	kg					
20	-----Coated or covered	kg					

CHAPTER 72

APPENDIX

Chapter 72

IRON AND STEEL

Notes.

1. In this Chapter and, in the case of Notes (d), (e) and (f) throughout the Nomenclature, the following expressions have the meanings hereby assigned to them:

(a) **Pig iron**

Iron-carbon alloys not usefully malleable, containing more than 2% by weight of carbon and which may contain by weight one or more other elements within the following limits:

- not more than 10% of chromium
- not more than 6% of manganese
- not more than 3% of phosphorus
- not more than 8% of silicon
- a total of not more than 10% of other elements.

(b) **Spiegeleisen**

Iron-carbon alloys containing by weight more than 6% but not more than 30% of manganese and otherwise conforming to the specification at (a) above.

(c) **Ferro-alloys**

Alloys in pigs, blocks, lumps or similar primary forms, in forms obtained by continuous casting and also in granular or powder forms, whether or not agglomerated, commonly used as an additive in the manufacture of other alloys or as de-oxidants, de-sulphurising agents or for similar uses in ferrous metallurgy and generally not usefully malleable, containing by weight 4% or more of the element iron and one or more of the following:

- more than 10% of chromium
- more than 30% of manganese
- more than 3% of phosphorus
- more than 8% of silicon
- a total of more than 10% of other elements, excluding carbon, subject to a maximum content of 10% in the case of copper.

(d) **Steel**

Ferrous materials other than those of heading No. 72.03 which (with the exception of certain types produced in the form of castings) are usefully malleable and which contain by weight 2% or less of carbon. However, chromium steels may contain higher proportions of carbon.

(e) **Stainless steel**

Alloy steels containing, by weight, 1.2% or less of carbon and 10.5% or more of chromium, with or without other elements.

(f) **Other alloy steel**

Steels not complying with the definition of stainless steel and containing by weight one or more of the following elements in the proportion shown:

- 0.3% or more of aluminum
- 0.0008% or more of boron
- 0.3% or more of chromium
- 0.3% or more of cobalt

- 0.4% or more of copper
- 0.4% or more of lead
- 1.65% or more of manganese
- 0.08% or more of molybdenum
- 0.3% or more of nickel
- 0.06% or more of niobium
- 0.6% or more of silicon
- 0.05% or more of titanium
- 0.3% or more of tungsten (wolfram)
- 0.1% or more of vanadium
- 0.05% or more of zirconium
- 0.1% or more of other elements (except sulphur, phosphorus, carbon and nitrogen), taken separately.

(g) **Remelting scrap ingots of iron or steel**

Products roughly cast in the form of ingots without feeder-heads or hot tops, or of pigs, having obvious surface faults and not complying with the chemical composition of pig iron, spiegeleisen or ferro-alloys.

(h) **Granules**

Products of which less than 90% by weight passes through a sieve with a mesh aperture of 1mm and of which 90% or more by weight passes through a sieve with a mesh aperture of 5mm.

(ij) **Semi-finished products**

Continuous cast products of solid section, whether or not subjected to primary hot-rolling; and

Other products of solid section, which have not been further worked than subjected to primary hot-rolling or roughly shaped by forging, including blanks for angles, shapes or sections.

These products are not presented in coils.

(k) **Flat-rolled products**

Rolled products of solid rectangular (other than square) cross-section, which do not conform to the definition at (ij) above in the form of:

- coils of successively superimposed layers, or
- straight lengths, which if of a thickness less than 4.75mm are of a width measuring at least ten times the thickness or if of a thickness of 4.75mm or more are of a width which exceeds 150mm and measures at least twice the thickness.

Flat-rolled products include those with patterns in relief derived directly from rolling (for example, grooves, ribs, chequers, tears, buttons, lozenges) and those which have been perforated, corrugated or polished, provided that they do not thereby assume the character of articles or products of other headings.

Flat-rolled products of a shape other than rectangular or square, of any size are to be classified as products of a width of 600mm or more, provided that they do not assume the character of articles or products of other headings.

(l) **Bars and rods, hot-rolled, in irregularly wound coils**

Hot-rolled products in irregularly wound coils, which have a solid cross-section in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other convex polygons. These products may have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods).

(m) **Other bars and rods**

Products which do not conform to any of the definitions at (ij), (k) or (l) above or to the definition or wire, which have a uniform solid cross-section along their whole length in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other convex polygons. These products may:

- have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods);
- be twisted after rolling.

(n) **Angles, shapes and sections**

Products having a uniform solid cross-section along their whole length which do not conform to any of the definitions at (ij), (k), (l) or (m) above or to the definition of wire.

Chapter 72 does not include products of heading No. 73.01 or 73.02.

(o) **Wire**

Cold-formed products in coils, of any uniform solid cross-section along their whole length, which do not conform to the definition of flat-rolled products.

(p) **Hollow drill bars and rods**

Hollow bars and rods of any cross-section, suitable for drills, of which the greatest external dimension of the cross-section exceeds 15mm but does not exceed 52mm, and of which the greatest internal dimension does not exceed one half of the greatest external dimension. Hollow bars and rods of iron or steel not conforming to this definition are to be classified in heading No. 73.04.

2. Ferrous metals clad with another ferrous metal are to be classified as products of the ferrous metal predominating by weight.

3. Iron or steel products obtained by electrolytic deposition, by pressure casting or by sintering are to be classified, according to their form, their composition and their appearance, in the headings of this Chapter appropriate to similar hot-rolled products.

Subheading Notes.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Alloy pig iron**

Pig iron containing, by weight, separately or together:

- more than 0.2% of chromium
- more than 0.3% of copper
- more than 0.3% of nickel
- more than 0.1% of any of the following elements: aluminum, molybdenum, titanium, tungsten (wolfram), vanadium.

(b) **Non-alloy free-cutting steel**

Non-alloy steel containing, by weight, one or more of the following elements in the specified proportions:

- 0.08% or more of sulphur
- 0.1% or more of lead
- more than 0.05% of selenium
- more than 0.01% of tellurium
- more than 0.05% of bismuth.

(c) **Silicon-electrical steel**

Alloy steels containing by weight at least 0.6% but not more than 6% of silicon and not more than 0.08% of carbon. They may also contain by weight not more than 1% of aluminum but no other element in a proportion that would give the steel the characteristics of another alloy steel.

(d) **High speed steel**

Alloy steels containing, with or without other elements, at least two of the three elements molybdenum, tungsten and vanadium with a combined content by weight of 7% or more, 0.6% or more of carbon and 3 to 6% of chromium.

(e) **Silico-manganese steel**

Alloy steels containing by weight:

- 0.35% or more but not more than 0.07% of carbon,
- 0.5% of more but not more than 1.2% of manganese, and
- 0.6% or more but not more than 2.3% of silicon, but not containing any other element in a proportion that would give the steel the characteristics of another alloy steel.

2. For the classification of ferro-alloys in the subheadings of heading No. 72.02 the following rule should be observed:

A ferro-alloy is considered as binary and classified under the relevant subheading (if it exists) if only one of the alloy elements exceeds the minimum percentage laid down in Chapter Note 1 (c); by analogy, it is considered respectively as ternary or quaternary if two or three alloy elements exceed the minimum percentage.

For the application of this rule the unspecified "other elements" referred to in Chapter Note 1 (c) must each exceed 10% by weight.

Supplementary Note.

1. For the purpose of this Chapter the following sub-Chapters apply:

I. - PRIMARY MATERIALS; PRODUCTS IN GRANULAR OR POWDER FORM
(heading Nos. 72.01 to 72.05)

II. - IRON AND NON-ALLOY STEEL
(heading Nos. 72.06 to 72.17)

III. - STAINLESS STEEL
(heading Nos. 72.18 to 72.23)

IV. - OTHER ALLOY STEEL; HOLLOW DRILL BARS AND RODS, OF ALLOY OR NON-ALLOY STEEL
(heading Nos. 72.24 to 72.29)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
72.01		**Pig iron and spiegeleisen in pigs, blocks or other primary forms.**					
7201.10.00	00	-Non-alloy pig iron containing by weight 0.5% or less of phosphorus......	tonne	Free	Free	$2.76 /tonne	Free
7201.20.00	00	-Non-alloy pig iron containing by weight more than 0.5% of phosphorus....	tonne	Free	Free	$2.76 /tonne	Free
7201.30.00	00	-Alloy pig iron........................	tonne	Free	Free	$2.76 /tonne	Free
7201.40.00	00	-Spiegeleisen..........................	tonne	Free	$8.80 /tonne	$27.60 /tonne	Free
72.02		**Ferro-alloys.**					
		-Ferro-manganese:					
7202.11.00		--Containing by weight more than 2% of carbon..............................		Free	0.98¢/kg	2.76¢/kg	Free
	10	-----*Exceeding 2% but not exceeding 3% of carbon*..........................	kg				
	20	-----*Exceeding 3% of carbon*.............	kg				
7202.19.00		--Other..................................		Free	0.98¢/kg	2.76¢/kg	Free
	10	-----*Not exceeding 0.75% of carbon*......	kg				
	20	-----*Exceeding 0.75% but not exceeding 2% of carbon*......................	kg				
		-Ferro-silicon:					
7202.21.00	00	--Containing by weight more than 55% of silicon..............................	kg	Free	Free	3.86¢/kg	Free
7202.29.00		--Other..................................		Free	Free	3.86¢/kg	Free
	10	-----*Exceeding 45% but not exceeding 55% of silicon*......................	kg				
	20	-----*Not exceeding 45% of silicon*.......	kg				
7202.30.00	00	-Ferro-silico-manganese................	kg	Free	1.54¢/kg	3.86¢/kg	Free
		-Ferro-chromium:					
7202.41.00	00	--Containing by weight more than 4% of carbon..............................	kg	10.2%	10.2%	25%	6.5%
7202.49.00	00	--Other..................................	kg	10.2%	10.2%	25%	6.5%
7202.50.00	00	-Ferro-silico-chromium.................	kg	10.2%	10.2%	25%	6.5%
7202.60.00	00	-Ferro-nickel..........................	kg	10.2%	10.2%	25%	6.5%
7202.70.00	00	-Ferro-molybdenum......................	kg	10.2%	10.2%	25%	6.5%
7202.80.00	00	-Ferro-tungsten and ferro-silico-tungsten.................	kg	10.2%	10.2%	25%	6.5%
		-Other:					
7202.91.00	00	--Ferro-titanium and ferro-silico-titanium................	kg	10.2%	10.2%	25%	6.5%
7202.92.00	00	--Ferro-vanadium.........................	kg	10.2%	10.2%	25%	6.5%
7202.93.00	00	--Ferro-niobium..........................	kg	10.2%	10.2%	25%	6.5%
7202.99.00		--Other..................................		10.2%	10.2%	25%	6.5%
	10	-----*Ferro-phosphorus*..................	kg				
	20	-----*Ferro-silico-calcium*...............	kg				
	30	-----*Ferro-zirconium*....................	kg				
	90	-----*Other*..............................	kg				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
72.03		**Ferrous products obtained by direct reduction of iron ore and other spongy ferrous products, in lumps, pellets or similar forms; iron having a minimum purity by weight of 99.94%, in lumps, pellets or similar forms.**					
7203.10.00	00	-Ferrous products obtained by direct reduction of iron ore..................	tonne	Free	Free	Free	Free
7203.90.00	00	-Other....................................	tonne	Free	4%	25%	Free
72.04		**Ferrous waste and scrap; remelting scrap ingots of iron or steel.**					
7204.10.00	00	-Waste and scrap of cast iron...........	tonne	Free	Free	Free	Free
		-Waste and scrap of alloy steel:					
7204.21.00	00	--Of stainless steel....................	tonne	Free	Free	Free	Free
7204.29.00	00	--Other.................................	tonne	Free	Free	Free	Free
7204.30.00	00	-Waste and scrap of tinned iron or steel	tonne	Free	Free	Free	Free
		-Other waste and scrap:					
7204.41.00	00	--Turnings, shavings, chips, milling waste, sawdust, filings, trimmings and stampings, whether or not in bundles..................................	tonne	Free	Free	Free	Free
7204.49.00	00	--Other.................................	tonne	Free	Free	Free	Free
7204.50.00	00	-Remelting scrap ingots.................	tonne	Free	Free	$5.51 /tonne	Free
72.05		**Granules and powders, of pig iron, spiegeleisen, iron or steel.**					
7205.10		-Granules					
7205.10.10	00	---Shot.................................	tonne	10%	10.2%	35%	6.5%
7205.10.90	00	---Other................................	tonne	8.9%	8.9%	30%	5.5%
		-Powders:					
7205.21		--Of alloy steel					
7205.21.10	00	---Stainless steel powder for use as a filter media in the spinneret pack used in the production of man-made fibres..................................	tonne	Free	Free	35%	Free
7205.21.90	00	---Other................................	tonne	10%	10.2%	35%	6.5%
7205.29.00	00	--Other.................................	tonne	Free	4%	25%	Free
72.06		**Iron and non-alloy steel in ingots or other primary forms (excluding iron of heading No. 72.03).**					
7206.10.00	00	-Ingots.................................	tonne	Free	Free	5%	Free
7206.90.00	00	-Other..................................	tonne	Free	4%	25%	Free
72.07		**Semi-finished products of iron or non-alloy steel.**					
		-Containing by weight less than 0.25% of carbon:					
7207.11.00		--Of rectangular (including square) cross-section, the width measuring less than twice the thickness.........		Free	4%	10%	Free
	10	*-----Of iron*............................	tonne				
		-----Of non-alloy steel:					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7207.11.00 cont'd	21	------*Billets*	tonne				
	29	------*Other*	tonne				
7207.12.00	00	--Other, of rectangular (other than square) cross-section	tonne	Free	4%	10%	Free
7207.19		--Other					
7207.19.10	00	---Rounds	tonne	Free	4%	10%	Free
7207.19.90	00	---Other	tonne	10.2%	10.2%	30%	6.5%
7207.20		-Containing by weight 0.25% or more of carbon					
7207.20.10		---Blooms, billets, slabs, sheet bars or rounds		Free	4%	10%	Free
	10	-----*Blooms*	tonne				
	20	-----*Billets*	tonne				
	30	-----*Slabs, sheet bars or rounds*	tonne				
7207.20.90	00	---Other	tonne	10.2%	10.2%	30%	6.5%
72.08		**Flat-rolled products of iron or non-alloy steel, of a width of 600mm or more, hot-rolled, not clad, plated or coated.**					
		-In coils, not further worked than hot-rolled, of a thickness of less than 3mm and having a minimum yield point of 275MPa or of a thickness of 3mm or more and having a minimum yield point of 355MPa:					
7208.11.00		--Of a thickness exceeding 10mm		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm*	kg				
	20	-----*Of a width exceeding 2540mm*	kg				
7208.12.00		--Of a thickness of 4.75mm or more but not exceeding 10mm		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm*	kg				
	20	-----*Of a width exceeding 2540mm*	kg				
7208.13.00	00	--Of a thickness of 3mm or more but less than 4.75mm	kg	5%	6.8%	20%	4.5%
7208.14.00	00	--Of a thickness of less than 3mm	kg	5%	6.8%	20%	4.5%
		-Other, in coils, not further worked than hot-rolled:					
7208.21.00		--Of a thickness exceeding 10mm		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm*	kg				
	20	-----*Of a width exceeding 2540mm*	kg				
7208.22.00		--Of a thickness of 4.75mm or more but not exceeding 10mm		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm*	kg				
	20	-----*Of a width exceeding 2540mm*	kg				
7208.23.00		--Of a thickness of 3mm or more but less than 4.75mm		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm*	kg				
	20	-----*Of a width exceeding 1300mm*	kg				
7208.24.00		--Of a thickness of less than 3mm		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm*	kg				
	20	-----*Of a width exceeding 1300mm*	kg				
		-Not in coils, not further worked than hot-rolled, of a thickness of less than 3mm and having a minimum yield point of 275MPa or of a thickness of 3mm or more and having a minimum yield point of 355MPa:					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7208.31.00	00	--Rolled on four faces or in a closed box pass, of a width not exceeding 1,250mm and of a thickness of not less than 4mm, without patterns in relief................................	kg	5%	6.8%	20%	4.5%
7208.32.00		--Other, of a thickness exceeding 10mm..		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm*...............	kg				
	20	-----*Of a width exceeding 2540mm*........	kg				
7208.33.00		--Other, of a thickness of 4.75mm or more but not exceeding 10mm...........		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm*...............	kg				
	20	-----*Of a width exceeding 2540mm*........	kg				
7208.34.00	00	--Other, of a thickness of 3mm or more but less than 4.75mm..................	kg	5%	6.8%	20%	4.5%
7208.35.00	00	--Other, of a thickness of less than 3mm	kg	5%	6.8%	20%	4.5%
		-Other, not in coils, not further worked than hot-rolled:					
7208.41.00	00	--Rolled on four faces or in a closed box pass, of a width not exceeding 1,250mm and of a thickness of not less than 4mm, without patterns in relief................................	kg	5%	6.8%	20%	4.5%
7208.42.00		--Other, of a thickness exceeding 10mm..		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm*...............	kg				
	20	-----*Of a width exceeding 2540mm*........	kg				
7208.43.00		--Other, of a thickness of 4.75mm or more but not exceeding 10mm...........		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm*...............	kg				
	20	-----*Of a width exceeding 2540mm*........	kg				
7208.44.00		--Other, of a thickness of 3mm or more but less than 4.75mm..................		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm*...............	kg				
	20	-----*Of a width exceeding 1300mm*........	kg				
7208.45.00		--Other, of a thickness of less than 3mm		5%	6.8%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm*...............	kg				
	20	-----*Of a width exceeding 1300mm*........	kg				
7208.90.00		-Other..................................		9.8%	9.8%	30%	6.5%
	10	-----*Corrugated*........................	kg				
	90	-----*Other*.............................	kg				
72.09		**Flat-rolled products of iron or non-alloy steel, of a width of 600mm or more, cold-rolled (cold-reduced), not clad, plated or coated.**					
		-In coils, not further worked than cold-rolled (cold-reduced), of a thickness of less than 3mm and having a minimum yield point of 275MPa or of a thickness of 3mm or more and having a minimum yield point of 355MPa:					
7209.11.00		--Of a thickness of 3mm or more.........		5%	6.9%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm*...............	kg				
	20	-----*Of a width exceeding 2540mm*........	kg				
7209.12.00	00	--Of a thickness exceeding 1mm but less than 3mm................................	kg	5%	8%	25%	5%
7209.13.00	00	--Of a thickness of 0.5mm or more but not exceeding 1mm.....................	kg	5%	8%	25%	5%
7209.14.00	00	--Of a thickness of less than 0.5mm.....	kg	5%	8%	25%	5%

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
		-Other, in coils, not further worked than cold-rolled (cold-reduced):					
7209.21.00		--Of a thickness of 3mm or more.........		5%	6.9%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm...............*	kg				
	20	-----*Of a width exceeding 1300mm........*	kg				
7209.22.00		--Of a thickness exceeding 1mm but less than 3mm.............................		5%	8%	25%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm...............*	kg				
	20	-----*Of a width exceeding 1300mm........*	kg				
7209.23.00		--Of a thickness of 0.5mm or more but not exceeding 1mm.....................		5%	8%	25%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm...............*	kg				
	20	-----*Of a width exceeding 1300mm........*	kg				
7209.24.00		--Of a thickness of less than 0.5mm.....		5%	8%	25%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm...............*	kg				
	20	-----*Of a width exceeding 1300mm........*	kg				
		-Not in coils, not further worked than cold-rolled (cold-reduced), of a thickness of less than 3mm and having a minimum yield point of 275MPa or of a thickness of 3mm or more and having a minimum yield point of 355MPa:					
7209.31.00		--Of a thickness of 3mm or more.........		5%	6.9%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 2540mm...............*	kg				
	20	-----*Of a width exceeding 2540mm........*	kg				
7209.32.00	00	--Of a thickness exceeding 1mm but less than 3mm.............................	kg	5%	8%	25%	5%
7209.33.00	00	--Of a thickness of 0.5mm or more but not exceeding 1mm.....................	kg	5%	8%	25%	5%
7209.34.00	00	--Of a thickness of less than 0.5mm.....	kg	5%	8%	25%	5%
		-Other, not in coils, not further worked than cold-rolled (cold-reduced):					
7209.41.00		--Of a thickness of 3mm or more.........		5%	6.9%	20%	4.5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm...............*	kg				
	20	-----*Of a width exceeding 1300mm........*	kg				
7209.42.00		--Of a thickness exceeding 1mm but less than 3mm.............................		5%	8%	25%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm...............*	kg				
	20	-----*Of a width exceeding 1300mm........*	kg				
7209.43.00		--Of a thickness of 0.5mm or more but not exceeding 1mm.....................		5%	8%	25%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm...............*	kg				
	20	-----*Of a width exceeding 1300mm........*	kg				
7209.44.00		--Of a thickness of less than 0.5mm.....		5%	8%	25%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1300mm...............*	kg				
	20	-----*Of a width exceeding 1300mm........*	kg				
7209.90.00		-Other.................................		10%	10.2%	35%	6.5%
	10	-----*Corrugated.........................*	kg				
	20	-----*Perforated.........................*	kg				
	90	-----*Other..............................*	kg				
72.10		**Flat-rolled products of iron or non-alloy steel, of a width of 600mm or more, clad, plated or coated.**					
		-Plated or coated with tin:					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7210.11.00		--Of a thickness of 0.5mm or more.......		7.7%	7.7%	25%	5%
	10	-----*Electrolytically plated or coated..*	kg				
	20	-----*Otherwise plated or coated.........*	kg				
7210.12.00		--Of a thickness of less than 0.5mm.....		7.7%	7.7%	25%	5%
	10	-----*Electrolytically plated or coated..*	kg				
	20	-----*Otherwise plated or coated.........*	kg				
7210.20		-Plated or coated with lead, including terne-plate					
7210.20.10		---Of a thickness not exceeding 5.84mm..		Free	Free	15%	Free
	10	-----*Terne-plate.......................*	kg				
	90	-----*Other.............................*	kg				
7210.20.20	00	---Of a thickness exceeding 5.84mm......	kg	5%	6.8%	20%	4.5%
		-Electrolytically plated or coated with zinc:					
7210.31.00	00	--Of steel of a thickness of less than 3mm and having a minimum yield point of 275MPa or of a thickness of 3mm or more and having a minimum yield point of 355MPa..........................	kg	8%	8%	25%	5%
7210.39.00	00	--Other................................	kg	8%	8%	25%	5%
		-Otherwise plated or coated with zinc:					
7210.41.00	00	--Corrugated...........................	kg	8%	8%	25%	5%
7210.49.00	00	--Other................................	kg	8%	8%	25%	5%
7210.50.00	00	-Plated or coated with chromium oxides or with chromium and chromium oxides...	kg	7.7%	7.7%	25%	5%
7210.60.00	00	-Plated or coated with aluminum.........	kg	7.7%	7.7%	25%	5%
7210.70.00	00	-Painted, varnished or plastic coated...	kg	7.7%	7.7%	25%	5%
7210.90.00		-Other..................................		7.7%	7.7%	25%	5%
		-----*Of a thickness not exceeding 5.84mm, clad, plated or coated with other base metals:*					
	11	------*With copper......................*	kg				
	12	------*With nickel......................*	kg				
	13	------*With stainless steel.............*	kg				
	19	------*Other............................*	kg				
		-----*Of a thickness exceeding 5.84mm, clad, plated or coated with other base metals:*					
	21	------*With nickel......................*	kg				
	22	------*With stainless steel.............*	kg				
	29	------*Other............................*	kg				
72.11		**Flat-rolled products of iron or non-alloy steel, of a width of less than 600mm, not clad, plated or coated.**					
		-Not further worked than hot-rolled, of a thickness of less than 3mm and having a minimum yield point of 275MPa or of a thickness of 3mm or more and having a minimum yield point of 355MPa:					
7211.11.00	00	--Rolled on four faces or in a closed box pass, of a width exceeding 150mm and a thickness of not less than 4mm, not in coils and without patterns in relief..................................	kg	5%	6.8%	20%	4.5%
7211.12.00	00	--Other, of a thickness of 4.75mm or more...................................	kg	5%	6.8%	20%	4.5%
7211.19.00	00	--Other................................	kg	5%	6.8%	20%	4.5%
		-Other, not further worked than hot-rolled:					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7211.21.00		--Rolled on four faces or in a closed box pass, of a width exceeding 150mm and a thickness of not less than 4mm, not in coils and without patterns in relief		5%	6.8%	20%	4.5%
	10	-----*Of a width exceeding 150mm but not exceeding 300mm*	kg				
	20	-----*Of a width exceeding 300mm but less than 600mm*	kg				
7211.22.00		--Other, of a thickness of 4.75mm or more		5%	6.8%	20%	4.5%
	10	-----*Of a width not exceeding 300mm*	kg				
	20	-----*Of a width exceeding 300mm but less than 600mm*	kg				
7211.29.00		--Other		5%	6.8%	20%	4.5%
	10	-----*Of a width not exceeding 300mm*	kg				
	20	-----*Of a width exceeding 300mm but less than 600mm*	kg				
7211.30.00	00	-Not further worked than cold-rolled (cold-reduced), of a thickness of less than 3mm and having a minimum yield point of 275MPa or of a thickness of 3mm or more and having a minimum yield point of 355MPa	kg	5%	8%	25%	5%
		-Other, not further worked than cold-rolled (cold-reduced):					
7211.41.00		--Containing by weight less than 0.25% of carbon		5%	7.5%	25%	5%
	10	-----*Of a width not exceeding 300mm*	kg				
	20	-----*Of a width exceeding 300mm but less than 600mm*	kg				
7211.49.00		--Other		5%	7.5%	25%	5%
	10	-----*Of a width not exceeding 300mm*	kg				
	20	-----*Of a width exceeding 300mm but less than 600mm*	kg				
7211.90.00		-Other		9.8%	9.8%	35%	6.5%
	10	-----*Corrugated*	kg				
	20	-----*Perforated*	kg				
	90	-----*Other*	kg				
72.12		**Flat-rolled products of iron or non-alloy steel, of a width of less than 600mm, clad, plated or coated.**					
7212.10.00		-Plated or coated with tin		7.7%	7.7%	25%	5%
	10	-----*Electrolytically plated or coated*	kg				
	20	-----*Otherwise plated or coated*	kg				
		-Electrolytically plated or coated with zinc:					
7212.21.00	00	--Of steel of a thickness of less than 3mm and having a minimum yield point of 275MPa or of a thickness of 3mm or more and having a minimum yield point of 355MPa	kg	7.5%	8%	25%	5%
7212.29.00	00	--Other	kg	7.5%	8%	25%	5%
7212.30.00	00	-Otherwise plated or coated with zinc	kg	7.5%	8%	25%	5%
7212.40.00	00	-Painted, varnished or plastic coated	kg	7.7%	7.7%	25%	5%
7212.50		-Otherwise plated or coated					
7212.50.10		---Plated or coated with lead or lead-tin alloys		Free	Free	15%	Free
	10	-----*Terne-plate*	kg				
	90	-----*Other*	kg				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7212.50.20		---Plated or coated with other base metals		7.7%	7.7%	25%	5%
		-----Of a thickness not exceeding 5.84mm:					
	11	*------With aluminum*	kg				
	12	*------With copper*	kg				
	13	*------With nickel*	kg				
	19	*------Other*	kg				
	20	*-----Of a thickness exceeding 5.84mm*	kg				
7212.60.00		-Clad		7.7%	7.7%	25%	5%
	10	*-----With nickel*	kg				
	20	*-----With stainless steel*	kg				
	90	*-----Other*	kg				
72.13		**Bars and rods, hot-rolled, in irregularly wound coils, of iron or non-alloy steel.**					
7213.10.00	00	-Containing indentations, ribs, grooves or other deformations produced during the rolling process	kg	5%	6.8%	20%	Free
7213.20.00		-Of free-cutting steel		5%	6.8%	20%	Free
	10	*-----Rounds of a diameter not exceeding 75mm*	kg				
	20	*-----Hexagons*	kg				
	30	*-----Squares*	kg				
	40	*-----Wire rod*	kg				
	90	*-----Other*	kg				
		-Other, containing by weight less than 0.25% of carbon:					
7213.31.00	00	--Of circular cross-section measuring less than 14mm in diameter	kg	5%	6.8%	20%	Free
7213.39.00		--Other		5%	6.8%	20%	Free
	10	*-----Rounds of a diameter of 14mm or more but not exceeding 75mm*	kg				
	20	*-----Hexagons*	kg				
	30	*-----Squares*	kg				
	40	*-----Wire rod*	kg				
	90	*-----Other*	kg				
		-Other, containing by weight 0.25% or more but less than 0.6% of carbon:					
7213.41.00	00	--Of circular cross-section measuring less than 14mm in diameter	kg	5%	6.8%	20%	Free
7213.49.00		--Other		5%	6.8%	20%	Free
	10	*-----Rounds of a diameter of 14mm or more but not exceeding 75mm*	kg				
	20	*-----Hexagons*	kg				
	30	*-----Squares*	kg				
	40	*-----Wire rod*	kg				
	90	*-----Other*	kg				
7213.50.00		-Other, containing by weight 0.6% or more of carbon		5%	6.8%	20%	Free
	10	*-----Rounds of a diameter not exceeding 75mm*	kg				
	20	*-----Hexagons*	kg				
	30	*-----Squares*	kg				
	40	*-----Wire rod*	kg				
	90	*-----Other*	kg				
72.14		**Other bars and rods of iron or non-alloy steel, not further worked than forged, hot-rolled, hot-drawn or hot-extruded, but including those twisted after rolling.**					

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7214.10.00	00	-Forged	kg	5%	7.3%	20%	4.5%
7214.20.00	00	-Containing indentations, ribs, grooves or other deformations produced during the rolling process or twisted after rolling	kg	5%	6.8%	20%	Free
7214.30.00		-Of free-cutting steel		5%	6.8%	20%	Free
		-----Flat bars:					
	11	*------Of a width not exceeding 75mm*	kg				
	12	*------Of a width exceeding 75mm but less than 150mm*	kg				
	13	*------Of a width of 150mm or more*	kg				
		-----Rounds:					
	21	*------Of a diameter not exceeding 75mm*	kg				
	22	*------Of a diameter exceeding 75mm*	kg				
	30	*-----Hexagons*	kg				
	40	*-----Squares*	kg				
	90	*-----Other*	kg				
7214.40.00		-Other, containing by weight less than 0.25% of carbon		5%	6.8%	20%	Free
		-----Flat bars:					
	11	*------Of a width not exceeding 75mm*	kg				
	12	*------Of a width exceeding 75mm but less than 150mm*	kg				
	13	*------Of a width of 150mm or more*	kg				
		-----Rounds:					
	21	*------Of a diameter not exceeding 75mm*	kg				
	22	*------Of a diameter exceeding 75mm*	kg				
	30	*-----Hexagons*	kg				
	40	*-----Squares*	kg				
	90	*-----Other*	kg				
7214.50.00		-Other, containing by weight 0.25% or more but less than 0.6% of carbon		5%	6.8%	20%	Free
		-----Flat bars:					
	11	*------Of a width not exceeding 75mm*	kg				
	12	*------Of a width exceeding 75mm but less than 150mm*	kg				
	13	*------Of a width of 150mm or more*	kg				
		-----Rounds:					
	21	*------Of a diameter not exceeding 75mm*	kg				
	22	*------Of a diameter exceeding 75mm*	kg				
	30	*-----Hexagons*	kg				
	40	*-----Squares*	kg				
	90	*-----Other*	kg				
7214.60.00		-Other, containing by weight 0.6% or more of carbon		5%	6.8%	20%	Free
		-----Flat bars:					
	11	*------Of a width not exceeding 75mm*	kg				
	12	*------Of a width exceeding 75mm but less than 150mm*	kg				
	13	*------Of a width of 150mm or more*	kg				
		-----Rounds:					
	21	*------Of a diameter not exceeding 75mm*	kg				
	22	*------Of a diameter exceeding 75mm*	kg				
		-----Other:					
	91	*------Hexagons*	kg				
	92	*------Squares*	kg				
	99	*------Other*	kg				
72.15		**Other bars and rods of iron or non-alloy steel.**					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7215.10.00		-Of free-cutting steel, not further worked than cold-formed or cold-finished		5%	8%	25%	Free
	10	-----*Flat bars*	kg				
	20	-----*Rounds*	kg				
	30	-----*Squares*	kg				
	90	-----*Other*	kg				
7215.20.00		-Other, not further worked than cold-formed or cold-finished, containing by weight less than 0.25% of carbon		5%	8%	25%	Free
	10	-----*Flat bars*	kg				
	20	-----*Rounds*	kg				
	30	-----*Squares*	kg				
	90	-----*Other*	kg				
7215.30.00		-Other, not further worked than cold-formed or cold-finished, containing by weight 0.25% or more but less than 0.6% of carbon		5%	8%	25%	Free
	10	-----*Flat bars*	kg				
	20	-----*Rounds*	kg				
	30	-----*Squares*	kg				
	90	-----*Other*	kg				
7215.40.00		-Other, not further worked than cold-formed or cold-finished, containing by weight 0.6% or more of carbon		5%	8%	25%	Free
	10	-----*Flat bars*	kg				
	20	-----*Rounds*	kg				
	30	-----*Squares*	kg				
	90	-----*Other*	kg				
7215.90.00	00	-Other	kg	5%	8%	25%	5%
72.16		**Angles, shapes and sections of iron or non-alloy steel.**					
7216.10.00		-U, I or H sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80mm		5%	6.8%	20%	4.5%
		-----*U sections:*					
	11	------*American standard*	kg				
	12	------*Car/shipbuilding*	kg				
	19	------*Other*	kg				
		-----*I sections:*					
	21	------*American standard*	kg				
	29	------*Other*	kg				
	30	-----*H sections*	kg				
		-L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80mm:					
7216.21.00		--L sections		5%	6.8%	20%	4.5%
	10	-----*Equal legs*	kg				
	20	-----*Unequal legs*	kg				
7216.22.00	00	--T sections	kg	5%	6.8%	20%	4.5%
		-U, I or H sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80mm or more:					
7216.31.00		--U sections		5%	6.8%	20%	4.5%
		-----*Of a height of 80mm or more but not exceeding 150mm:*					
	11	------*American standard*	kg				
	12	------*Car/shipbuilding*	kg				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7216.31.00 cont'd	19	------Other..............................	kg				
		-----Of a height exceeding 150mm:					
	21	------American standard.................	kg				
	22	------Car/shipbuilding..................	kg				
	29	------Other..............................	kg				
7216.32.00		--I sections............................		5%	6.8%	20%	4.5%
		-----Wide flange:					
	11	------Of a height of 80mm or more but not exceeding 355mm...............	kg				
	12	------Of a height exceeding 355mm but not exceeding 635mm...............	kg				
	13	------Of a height exceeding 635mm.......	kg				
		-----American standard:					
	21	------Of a height of 80mm or more but not exceeding 150mm...............	kg				
	22	------Of a height exceeding 150mm.......	kg				
7216.33.00		--H sections............................		5%	6.8%	20%	4.5%
		-----Wide flange:					
	11	------Of a height of 80mm or more but not exceeding 355mm...............	kg				
	12	------Of a height exceeding 355mm but not exceeding 635mm...............	kg				
	13	------Of a height exceeding 635mm.......	kg				
	20	-----Bearing pile.......................	kg				
		-----Other:					
	91	------Of a height of 80mm or more but not exceeding 150mm...............	kg				
	92	------Of a height exceeding 150mm.......	kg				
7216.40.00		-L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80mm or more..		5%	6.8%	20%	4.5%
		-----L sections, equal legs:					
	11	------Of a height of 80mm or more but not exceeding 150mm...............	kg				
	12	------Of a height exceeding 150mm.......	kg				
		-----L sections, unequal legs:					
	21	------Large leg of a height of 80mm or more but not exceeding 150mm......	kg				
	22	------Large leg of a height exceeding 150mm.............................	kg				
		-----T sections:					
	31	------Stem of a height of 80mm or more but not exceeding 150mm...........	kg				
	32	------Stem of a height exceeding 150mm..	kg				
7216.50.00	00	-Other angles, shapes and sections, not further worked than hot-rolled, hot-drawn or extruded..................	kg	5%	6.8%	20%	4.5%
7216.60.00	00	-Angles, shapes and sections, not further worked than cold-formed or cold-finished..........................	kg	5%	6.8%	20%	4.5%
7216.90		-Other					
		---Ribbed shapes:					
7216.90.11	00	----Plated or coated with lead or lead-tin alloys......................	kg	Free	Free	15%	Free
7216.90.19	00	----Other...............................	kg	7.5%	8%	20%	5%
7216.90.90		---Other................................		10.2%	10.2%	40%	6.5%
	10	-----L sections.........................	kg				
	20	-----I or H sections....................	kg				
	30	-----U sections.........................	kg				
	90	-----Other..............................	kg				
72.17		**Wire of iron or non-alloy steel.**					
		-Containing by weight less than 0.25% of carbon:					

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

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Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7217.11.00		--Not plated or coated, whether or not polished		5%	5.7%	20%	Free
	10	-----*Cold-heading stock*	kg				
	20	-----*For the manufacture of wire rope*	kg				
	30	-----*For the manufacture of welding wire*	kg				
	90	-----*Other*	kg				
7217.12.00		--Plated or coated with zinc		5%	6.8%	20%	Free
		-----*Round:*					
	11	------*For the manufacture of wire rope*	kg				
	19	------*Other*	kg				
	20	-----*Flat*	kg				
	90	-----*Other*	kg				
7217.13.00		--Plated or coated with other base metals		5%	6.8%	20%	Free
	10	-----*With copper*	kg				
	20	-----*With tin*	kg				
	30	-----*With aluminum*	kg				
	90	-----*Other*	kg				
7217.19.00		--Other		5%	6.8%	20%	Free
		-----*Round:*					
	11	------*Liquor finish*	kg				
	19	------*Other*	kg				
	20	-----*Flat*	kg				
	90	-----*Other*	kg				
		-Containing by weight 0.25% or more but less than 0.6% of carbon:					
7217.21.00		--Not plated or coated, whether or not polished		5%	5.7%	20%	Free
	10	-----*Cold-heading stock*	kg				
	20	-----*For the manufacture of wire rope*	kg				
	30	-----*For the manufacture of welding wire*	kg				
	90	-----*Other*	kg				
7217.22.00		--Plated or coated with zinc		5%	6.8%	20%	Free
		-----*Round:*					
	11	------*For the manufacture of wire rope*	kg				
	19	------*Other*	kg				
	20	-----*Flat*	kg				
	90	-----*Other*	kg				
7217.23.00		--Plated or coated with other base metals		5%	6.8%	20%	Free
		-----*Round:*					
	11	------*With copper*	kg				
	12	------*With tin*	kg				
	13	------*With aluminum*	kg				
	19	------*Other*	kg				
	20	-----*Flat*	kg				
	90	-----*Other*	kg				
7217.29.00		--Other		5%	6.8%	20%	Free
		-----*Round:*					
	11	------*Liquor finish*	kg				
	19	------*Other*	kg				
	20	-----*Flat*	kg				
	90	-----*Other*	kg				
		-Containing by weight 0.6% or more of carbon:					
7217.31.00		--Not plated or coated, whether or not polished		5%	5.7%	20%	Free
	10	-----*For the manufacture of wire rope*	kg				
	20	-----*For the manufacture of welding wire*	kg				
	90	-----*Other*	kg				
7217.32.00		--Plated or coated with zinc		5%	6.8%	20%	Free
		-----*Round:*					
	11	------*For the manufacture of wire rope*	kg				
	19	------*Other*	kg				
	20	-----*Flat*	kg				
	90	-----*Other*	kg				
7217.33.00		--Plated or coated with other base metals		5%	6.8%	20%	Free
		-----*Round:*					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7217.33.00 cont'd	11	------*With copper*	kg				
	12	------*With tin*	kg				
	13	------*With aluminum*	kg				
	19	------*Other*	kg				
	20	-----*Flat*	kg				
	90	-----*Other*	kg				
7217.39.00		--Other		5%	6.8%	20%	Free
		-----*Round:*					
	11	------*Liquor finish*	kg				
	19	------*Other*	kg				
	20	-----*Flat*	kg				
	90	-----*Other*	kg				
72.18		**Stainless steel in ingots or other primary forms; semi-finished products of stainless steel.**					
7218.10.00	00	-Ingots and other primary forms	tonne	Free	Free	5%	Free
7218.90		-Other					
7218.90.10	00	---Blooms, billets, rounds, slabs or sheet bars	tonne	Free	4%	10%	Free
7218.90.90	00	---Other	tonne	10.2%	10.2%	30%	6.5%
72.19		**Flat-rolled products of stainless steel, of a width of 600mm or more.**					
		-Not further worked than hot-rolled, in coils:					
7219.11.00	00	--Of a thickness exceeding 10mm	kg	5%	10%	20%	5%
7219.12.00	00	--Of a thickness of 4.75mm or more but not exceeding 10mm	kg	5%	10%	20%	5%
7219.13.00		--Of a thickness of 3mm or more but less than 4.75mm		5%	10%	20%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1520mm*	kg				
	20	-----*Of a width exceeding 1520mm*	kg				
7219.14.00		--Of a thickness of less than 3mm		5%	10%	20%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1520mm*	kg				
	20	-----*Of a width exceeding 1520mm*	kg				
		-Not further worked than hot-rolled, not in coils :					
7219.21.00	00	--Of a thickness exceeding 10mm	kg	5%	10%	20%	5%
7219.22.00	00	--Of a thickness of 4.75mm or more but not exceeding 10mm	kg	5%	10%	20%	5%
7219.23.00		--Of a thickness of 3mm or more but less than 4.75mm		5%	10%	20%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1520mm*	kg				
	20	-----*Of a width exceeding 1520mm*	kg				
7219.24.00		--Of a thickness of less than 3mm		5%	10%	20%	5%
	10	-----*Of a width of 600mm or more but not exceeding 1520mm*	kg				
	20	-----*Of a width exceeding 1520mm*	kg				
		-Not further worked than cold-rolled (cold-reduced):					
7219.31		--Of a thickness of 4.75mm or more					
7219.31.10		---Of a thickness of 4.75mm or more but not exceeding 5.84mm		5%	12.5%	25%	5%
	10	-----*300 Series*	kg				
	90	-----*Other*	kg				
7219.31.20	00	---Of a thickness exceeding 5.84mm	kg	5%	10%	20%	5%

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7219.32.00		--Of a thickness of 3mm or more but less than 4.75mm......................		5%	12.5%	25%	5%
		-----*Of a width of 600mm or more but not exceeding 1250mm:*					
	11	------*300 Series*..........................	kg				
	19	------*Other*..............................	kg				
		-----*Of a width exceeding 1250mm:*					
	21	------*300 Series*..........................	kg				
	29	------*Other*..............................	kg				
7219.33.00		--Of a thickness exceeding 1mm but less than 3mm..............................		5%	12.5%	25%	5%
		-----*Of a width of 600mm or more but not exceeding 1250mm:*					
	11	------*300 Series*..........................	kg				
	19	------*Other*..............................	kg				
		-----*Of a width exceeding 1250mm:*					
	21	------*300 Series*..........................	kg				
	29	------*Other*..............................	kg				
7219.34.00		--Of a thickness of 0.5mm or more but not exceeding 1mm....................		5%	12.5%	25%	5%
		-----*Of a width of 600mm or more but not exceeding 1250mm:*					
	11	------*300 Series*..........................	kg				
	19	------*Other*..............................	kg				
		-----*Of a width exceeding 1250mm:*					
	21	------*300 Series*..........................	kg				
	29	------*Other*..............................	kg				
7219.35.00		--Of a thickness of less than 0.5mm.....		5%	12.5%	25%	5%
		-----*Of a width of 600mm or more but not exceeding 1250mm:*					
	11	------*300 Series*..........................	kg				
	19	------*Other*..............................	kg				
		-----*Of a width exceeding 1250mm:*					
	21	------*300 Series*..........................	kg				
	29	------*Other*..............................	kg				
7219.90		-Other					
7219.90.10	00	---Corrugated, cold-rolled, of a thickness not exceeding 5.84mm.......	kg	5%	12.5%	25%	5%
7219.90.90		---Other................................		10%	10.2%	35%	6.5%
	10	-----*Corrugated*..........................	kg				
	20	-----*Perforated*..........................	kg				
	90	-----*Other*..............................	kg				
72.20		**Flat-rolled products of stainless steel, of a width of less than 600mm.**					
		-Not further worked than hot-rolled:					
7220.11.00	00	--Of a thickness of 4.75mm or more......	kg	5%	10%	20%	5%
7220.12.00	00	--Of a thickness of less than 4.75mm....	kg	5%	10%	20%	5%
7220.20		-Not further worked than cold-rolled (cold-reduced)					
7220.20.10	00	---Of a thickness exceeding 5.84mm......	kg	5%	10%	20%	5%
7220.20.20		---Of a thickness not exceeding 5.84mm..		5%	12.5%	25%	5%
		-----*Of a width not exceeding 460mm:*					
	11	------*300 Series*..........................	kg				
	19	------*Other*..............................	kg				
		-----*Of a width exceeding 460mm but less than 600mm:*					
	21	------*300 Series*..........................	kg				
	29	------*Other*..............................	kg				
7220.90.00		-Other...................................		10%	10.2%	35%	6.5%
	10	-----*Perforated*..........................	kg				
	90	-----*Other*..............................	kg				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
72.21							
7221.00.00		**Bars and rods, hot-rolled, in irregularly wound coils, of stainless steel**....................................		5%	10%	20%	5%
		-----*Rounds:*					
	11	------*300 Series*........................	kg				
	19	------*Other*............................	kg				
	20	-----*Wire rod*..........................	kg				
	90	-----*Other*.............................	kg				
72.22		**Other bars and rods of stainless steel; angles, shapes and sections of stainless steel.**					
7222.10.00		-Bars and rods, not further worked than hot-rolled, hot-drawn or extruded......		5%	10%	20%	5%
		-----*Rounds:*					
	11	------*300 Series*........................	kg				
	19	------*Other*............................	kg				
	90	-----*Other*.............................	kg				
7222.20.00	00	-Bars and rods, not further worked than cold-formed or cold-finished...........	kg	5%	12.5%	25%	5%
7222.30.00		-Other bars and rods....................		5%	12.5%	25%	Free
	10	-----*Forged*............................	kg				
	90	-----*Other*.............................	kg				
7222.40		-Angles, shapes and sections					
7222.40.10		---Not further worked than hot-rolled or cold-rolled....................		5%	7.8%	20%	5%
	10	-----*L sections*........................	kg				
	20	-----*H or I sections*...................	kg				
	30	-----*U sections*........................	kg				
	90	-----*Other*.............................	kg				
7222.40.90		---Other.................................		10.2%	10.2%	40%	6.5%
	10	-----*L sections*........................	kg				
	20	-----*H or I sections*...................	kg				
	30	-----*U sections*........................	kg				
	90	-----*Other*.............................	kg				
72.23							
7223.00		**Wire of stainless steel.**					
7223.00.10		---Not coated or covered................		5%	6.8%	20%	Free
		-----*Cold-finished:*					
	11	------*Of a diameter exceeding 1.5mm*.....	kg				
	12	------*Of a diameter not exceeding 1.5mm.*	kg				
	90	-----*Other*.............................	kg				
7223.00.20		---Coated or covered....................		5%	7.8%	20%	Free
		-----*Cold-finished:*					
	11	------*Of a diameter exceeding 1.5mm*.....	kg				
	12	------*Of a diameter not exceeding 1.5mm.*	kg				
	90	-----*Other*.............................	kg				
72.24		**Other alloy steel in ingots or other primary forms; semi-finished products of other alloy steel.**					
7224.10.00		-Ingots and other primary forms.........		Free	Free	5%	Free
	10	-----*High speed or mold steel*...........	tonne				
	90	-----*Other*.............................	tonne				
7224.90		-Other					

CANADIAN TARIFF SCHEDULE

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Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7224.90.10		---Blooms, billets, rounds, slabs or sheet bars		Free	4%	10%	Free
	10	-----*High speed or mold steel*	tonne				
	90	-----*Other*	tonne				
7224.90.90	00	---Other	tonne	10.2%	10.2%	30%	6.5%
72.25		**Flat-rolled products of other alloy steel, of a width of 600mm or more.**					
7225.10		-Of silicon-electrical steel					
7225.10.10		---Cold-rolled or cold-drawn, of a thickness not exceeding 5.84mm		5%	12.5%	25%	5%
	10	-----*Armature grade*	kg				
	20	-----*Transformer type*	kg				
	90	-----*Other*	kg				
7225.10.90		---Other		5%	10%	20%	5%
	10	-----*Of a thickness exceeding 5.84mm*	kg				
	20	-----*Of a thickness not exceeding 5.84mm*	kg				
7225.20		-Of high speed steel					
7225.20.10	00	---Cold-rolled or cold-drawn, of a thickness not exceeding 5.84mm	kg	5%	12.5%	25%	5%
7225.20.90		---Other		5%	10%	20%	5%
	10	-----*Of a thickness exceeding 5.84mm*	kg				
	20	-----*Of a thickness not exceeding 5.84mm*	kg				
7225.30.00	00	-Other, not further worked than hot-rolled, in coils	kg	5%	10%	20%	5%
7225.40.00	00	-Other, not further worked than hot-rolled, not in coils	kg	5%	10%	20%	5%
7225.50		-Other, not further worked than cold-rolled (cold-reduced)					
7225.50.10	00	---Of a thickness not exceeding 5.84mm	kg	5%	12.5%	25%	5%
7225.50.20	00	---Of thickness exceeding 5.84mm	kg	5%	10%	20%	5%
7225.90.00		-Other		10%	10%	30%	6.5%
	10	-----*Plated or coated with lead or lead-tin alloys and of a thickness not exceeding 5.84mm*	kg				
	20	-----*Plated or coated with tin, zinc or vitreous enamel and of a thickness not exceeding 5.84mm*	kg				
	90	-----*Other*	kg				
72.26		**Flat-rolled products of other alloy steel, of a width of less than 600mm.**					
7226.10		-Of silicon-electrical steel					
7226.10.10		---Cold-rolled, of a thickness not exceeding 5.84mm		5%	12.5%	25%	5%
	10	-----*Armature grade*	kg				
	20	-----*Transformer type*	kg				
	90	-----*Other*	kg				
7226.10.90	00	---Other	kg	5%	10%	20%	5%
7226.20		-Of high speed steel					
7226.20.10	00	---Cold-rolled, of a thickness not exceeding 5.84mm	kg	5%	12.5%	25%	5%
7226.20.90	00	---Other	kg	5%	10%	20%	5%
		-Other:					
7226.91.00	00	--Not further worked than hot-rolled	kg	5%	10%	20%	5%
7226.92		--Not further worked than cold-rolled (cold-reduced)					
7226.92.10	00	---Of a thickness not exceeding 5.84mm	kg	5%	12.5%	25%	5%
7226.92.20	00	---Of a thickness exceeding 5.84mm	kg	5%	10%	20%	5%

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7226.99.00		--Other		10%	10%	30%	6.5%
	10	-----*Plated or coated with lead or lead-tin alloys and of a thickness not exceeding 5.84mm*	kg				
	20	-----*Plated or coated with tin, zinc or vitreous enamel and of a thickness not exceeding 5.84mm*	kg				
	90	-----*Other*	kg				
72.27		**Bars and rods, hot-rolled, in irregularly wound coils, of other alloy steel.**					
7227.10.00		-Of high speed steel		5%	10%	20%	5%
	10	-----*Wire rod*	kg				
	90	-----*Other*	kg				
7227.20.00		-Of silico-manganese steel		5%	10%	20%	5%
	10	-----*Wire rod*	kg				
	20	-----*Flat bars*	kg				
	30	-----*Rounds*	kg				
	40	-----*Squares*	kg				
	90	-----*Other*	kg				
7227.90.00		-Other		5%	10%	20%	5%
		-----*Wire rod:*					
	11	------*Tool steel*	kg				
	19	------*Other*	kg				
	20	-----*Flat bars*	kg				
	30	-----*Rounds*	kg				
	40	-----*Squares*	kg				
	90	-----*Other*	kg				
72.28		**Other bars and rods of other alloy steel; angles, shapes and sections, of other alloy steel; hollow drill bars and rods, of alloy or non-alloy steel.**					
7228.10		-Bars and rods, of high speed steel					
7228.10.10	00	---Not further worked than hot-rolled	kg	5%	10%	20%	5%
7228.10.90	00	---Other	kg	5%	12.5%	25%	Free
7228.20		-Bars and rods, of silico-manganese steel					
7228.20.10		---Not further worked than hot-rolled		5%	10%	20%	5%
	10	-----*Flat bars*	kg				
	20	-----*Rounds*	kg				
	30	-----*Squares*	kg				
	90	-----*Other*	kg				
7228.20.90		---Other		5%	12.5%	25%	Free
	10	-----*Cold-drawn or cold-finished*	kg				
	90	-----*Other*	kg				
7228.30.00		-Other bars and rods, not further worked than hot-rolled, hot-drawn or extruded		5%	10%	20%	5%
	10	-----*Flat bars*	kg				
	20	-----*Rounds*	kg				
	30	-----*Squares*	kg				
	90	-----*Other*	kg				
7228.40.00		-Other bars and rods, not further worked than forged		5%	12.5%	25%	Free
	10	-----*Mold steel*	kg				
	20	-----*Tool steel*	kg				
	90	-----*Other*	kg				

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7228.50.00		-Other bars and rods, not further worked than cold-formed or cold-finished		5%	12.5%	25%	5%
	10	-----*Mold steel*	kg				
	20	-----*Tool steel*	kg				
	90	-----*Other*	kg				
7228.60.00		-Other bars and rods		5%	12.5%	25%	Free
	10	-----*Mold steel*	kg				
	20	-----*Tool steel*	kg				
	90	-----*Other*	kg				
7228.70		-Angles, shapes and sections					
7228.70.10		---Not further worked than hot-rolled, cold-rolled, drawn or extruded		5%	7.8%	20%	5%
		-----*L sections:*					
	11	------*Equal legs*	kg				
	12	------*Unequal legs*	kg				
		-----*Wide flange H sections:*					
	21	------*Of a height exceeding 635mm*	kg				
	22	------*Of a height not exceeding 635mm*	kg				
	30	-----*Other H sections*	kg				
		-----*I sections:*					
	41	------*American standard*	kg				
	49	------*Other*	kg				
	50	-----*U sections*	kg				
	60	-----*T sections*	kg				
	70	-----*Z sections*	kg				
		-----*Other shapes or sections:*					
	91	------*Bearing pile*	kg				
	99	------*Other*	kg				
7228.70.90		---Other		10%	10%	35%	6.5%
	10	-----*L sections*	kg				
	20	-----*H or I sections*	kg				
	30	-----*U sections*	kg				
	90	-----*Other*	kg				
7228.80		-Hollow drill bars and rods					
7228.80.10		---Not further worked than hot-rolled		5%	10%	20%	5%
	10	-----*Round*	kg				
	90	-----*Other*	kg				
7228.80.90		---Other		5%	12.5%	25%	5%
	10	-----*Round*	kg				
	90	-----*Other*	kg				
72.29		**Wire of other alloy steel.**					
7229.10.00		-Of high speed steel		5%	7%	20%	Free
	10	-----*Not coated or covered*	kg				
	20	-----*Coated or covered*	kg				
7229.20.00		-Of silico-manganese steel		5%	7%	20%	Free
	10	-----*Not coated or covered*	kg				
	20	-----*Coated or covered*	kg				
7229.90.00		-Other		5%	7%	20%	Free
		-----*Not coated or covered:*					
	11	------*Cold heading/forging quality*	kg				
	19	------*Other*	kg				
	20	-----*Coated or covered*	kg				

CHAPTER 73

Articles of Iron and Steel

A. Introduction

Proposed Chapter 73 encompasses, in whole or in part, 275 items of the Customs Tariff, as listed below:

17900-1	Labels for cigar boxes ... not including ... textile fibres ...
*35230-1	Metal parts in any degree of manufacture ...
36215-1	Nickel-plated ware, gilt or electro-plated ware, n.o.p.
	Scrap of iron or steel:
*37303-1	Railway rails ... to be remelted ... into other products ...
	Bars or rods of iron or steel...tariff items 37900-1 and 37900-2...:
37910-1	Alloy
37910-2	Other
	Shapes or sections of iron or steel ...:
*38004-1	Sash, casement or frame sections of iron or steel, ...
*38009-1	Sheet piling sections of iron or steel ...
38010-1	Iron or steel angles, beams ... n.o.p.
38025-1	Iron or steel "H" or "I" shaped sections ... not made in Canada ...
	Plate of iron or steel, flanged or dished:
*38105-1	Alloy
*38105-2	Other
	Plate of iron or steel, n.o.p.:
38110-1	Alloy
*38110-2	Other
	Railway rails of iron or steel ...:
*38700-1	Alloy
*38700-2	Other
*38705-1	Rails track of iron or steel ...
*38710-1	Fish plates, splice bars, rail joints, tie plates, of iron or steel
38715-1	Railway intersection layouts ...
*39000-1	Castings, of iron or steel, in the rough, n.o.p.
39200-1	Forgings, of iron or steel, in any degree of manufacture, n.o.p.
39205-1	Forgings of iron or steel, hollow ... twenty tons or more
39210-1	Forgings, solid or otherwise ... forty tons or over
*39600-1	Pipes or tubes of cast iron ...
	Pipes or tubes of iron or steel, n.o.p. ...:
39700-1	Alloy
39700-2	Other
	Pipes or tubes of iron or steel ... seamless, cold-drawn:
*39705-1	Alloy
*39705-2	Other
*39710-1	Corrugated metal culvert pipe, coated or not
*39800-1	Pipes or tubes of iron or steel...for use in...parts of boilers...
*39805-1	Pipes or tubes of iron or steel...for use in...rolls for paper...

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* Indicates that goods under the present tariff item are classified only to this Chapter.

39810-1	Hot-rolled or extruded hollows of stainless steel ...
*39815-1	Tubes of iron or steel, seamless, for use in ... bearings ...
*39820-1	Pipes or tubes of iron or steel, centrifugally cast ...
*39825-1	Tubes of electrically welded steel ...
*39830-1	Steel tubing ... for use in ... hydraulic jacks and pistons ...
*39835-1	Brass-cased welded steel tubing, polished ...
*39840-1	Steel tubing ... for use in ... cylinders for crust breaking ...
*39845-1	Seamless alloy steel tubing ... for use in ... pellet rolls ...
*39900-1	Pipes or tubes of iron or steel ... for ... natural gas ...
*39905-1	Pipes or tubes of iron or steel...for...natural gas...or oil wells
*39910-1	Drill-pipe, for use in ... natural gas or oil wells
39915-1	Materials for use in ... specified in tariff items 39905-1 and 39910-1
	Fittings and couplings of iron or steel, n.o.p. ...:
40000-1	Alloy
40000-2	Other
*40005-1	Fittings and couplings of iron or steel ... for ... fittings ...
	Products of wire of iron or steel, namely:
*40111-1	Barbed wire
*40112-1	Cloth, fencing, mesh, netting, and screening
40113-1	Wire rope and strand, n.o.p. ...
*40114-1	Wire rope or cable ... for use ... in commercial fishing ...
*40115-1	Galvanized steel wire mesh ... for use in ... lobster traps
*40140-1	Plated steel wire cord ... for use in pneumatic tires
	Springs of iron or steel:
*40401-1	For the running and draft gear of railway vehicles ...
*40402-1	For the running of other vehicles, n.o.p.
*40500-1	Springs, of iron or steel ... for use in ... surgical trusses ...
*40510-1	Furniture springs
	Coil chain, coil chain links ... of iron or steel:
*40601-1	One and one-eighth inches in diameter and over
*40602-1	Less than one and one-eighth inches in diameter
*40700-1	Silent chain and finished roller chain, of iron or steel ...
*40705-1	Chains, of iron or steel, n.o.p., and complete parts thereof
*40800-1	Malleable sprocket chain and link belting chain ...
40902-1	Milking machines ... parts of the foregoing
40904-1	Cultivators, harrows, seed-drills ... parts of all the foregoing
40906-1	Ploughs and parts thereof
40916-1	Mowing machines, harvesters ... cabs and parts for the foregoing
40918-1	... machines ... agricultural or horticultural purposes ... parts ...
40920-1	... machines and equipment ... for use in grading ... parts ...
40922-1	Binder twine; wire and twine for baling farm produce
40924-1	... agricultural implements or ... machinery, n.o.p.; parts ...
40938-1	Internal combustion tractors...accessories, n.o.p., and parts ...
40944-1	Equipment for generating electric power for farm purposes ...
40954-1	Poultry processing equipment ... parts of the foregoing
40956-1	Axles ... for use with ... agricultural machinery
40958-1	Articles and materials ... for use in ... insemination of animals
40959-1	Cryogenic containers for use in the shipment ... vaccines for poultry
40960-1	Roofs, chutes ... of silos for storing ensilage
40966-1	Evaporators ... for use in the production of maple syrup ...
41000-1	Car loading machines ... for loading coal into box car

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* Indicates that goods under the present tariff item are classified only to this Chapter.

	Bits and augers ... Drills ... Fishing tools, n.o.p.; Reamers ...:
41001-1	Of a class or kind made in Canada ...
41002-1	Of a class or kind not made in Canada ...
41003-1	Rotary blasthole drills for use in open pit mining; parts thereof
41006-1	Diesel-powered self-propelled dump trucks ... carrying minerals ...
*41008-1	Steel tubing ... for use in ... core barrels, drill rods ...
	Machinery and apparatus for use in mining, quarrying ...:
41011-1	Crushing machines and grinding mills ... Parts of all the foregoing
41012-1	... Tubes or shells ... for breaking down coal or other minerals ...
	Air engines ... Dust collectors ... Scales ... conveyors:
41013-1	Of a class or kind made in Canada ...
41014-1	Of a class or kind not made in Canada ...
	Machinery and apparatus...for...processing, smelting...of ores...:
41021-1	Machinery and apparatus ... for blast furnaces
	Agitators; Amalgam cleaners ... Retorts ...:
41022-1	Of a class or kind made in Canada
41023-1	Of a class or kind not made in Canada
	Machinery and apparatus ... metallurgical or industrial plants:
41031-1	Of a class or kind made in Canada ...
41035-1	Equipment for distributing stone dust in mines ...
41100-1	Machines for use in sawing lumber ... logging ...
41105-1	Self-propelled trucks ... for use ... operation of logging ...
41105-2	Logging cars ... parts ... for use ... operation of logging ...
*41105-3	Wire rope ... for use ... in logging operation ...(1)
41205-1	Machines...for use exclusively by...printers, lithographers...parts...
41305-1	Machinery and apparatus ... parts thereof ... yarns, cordage ...
41405-1	Parts of typewriters
41415-1	Bookkeeping, calculating and invoicing machines ... parts
	Electronic data processing machines ... parts thereof:
41417-1	Other than the following
41417-2	Drum storage memories ... Parts of the foregoing
*41450-1	Non-mechanical ballot holders, for use by voters ...
	Electric vacuum cleaners ... hand vacuum ... parts ...:
41500-1	Other than the following (see 41500-2)
	Refrigerator parts ... of iron or steel ... of chief value
41507-1	Domestic
41507-2	Store
41700-1	Machinery...parts...not made...for the manufacture of sugar...(2)
	Machinery for use ... tanning ... leather; parts ...:
42000-1	Other than the following (see 42000-2)
42520-1	Air-cooled internal combustion engines...parts... of power lawn mowers
42615-1	Wire stitches and staplers...hand or power...parts...
	Machines, n.o.p., and accessories, attachments ... parts ...:
42700-1	Other than the following (see 42700-2 to 42700-9)
42700-3	Bulldozer front-end assemblies and blades ... tariff item 42700-6(1)
42700-6	Automobile air ... machines ... Parts ... tariff item 42700-3 ...
	Articles...otherwise ... classified...42700-1 to 42700-4...parts...:
42701-1	Other than the following
42701-2	High vacuum pumps ... 500 microns or less, parts ...

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* Indicates that goods under the present tariff item are classified only to this Chapter.

(1) Reflects nomenclature revision, April 19, 1983.

(2) Struck from Customs Tariff effective May 24, 1985.

42709-1	Axles, axle assemblies ... "fork lift" or "list" trucks
42732-1	Machinery and apparatus for dairying purposes ... parts ...
	Machines and tools ... for use on internal combustion tractors ...:
42761-1	Of a class or kind made in Canada ...
42762-1	Of a class or ... not made in Canada ...
42765-1	Hydraulic equipment ... not made in Canada ... road graders ...
42768-1	Engines ... for use in ... front-end loaders or tractor shovels
42805-2	Engines and complete parts thereof, n.o.p.
42805-3	Turbines, steam or gas, and complete parts thereof, n.o.p.
42815-1	Diesel and semi-diesel engines ... not made in Canada
42825-1	Starter cartridges ... for diesel and semi-diesel engines
42830-1	Diesel and semi-diesel engines ... for use in ... power shovels ...
*43000-1	Nuts and bolts ... of iron or steel ... coated or not ...
	Screws, of iron or steel, coated or not:
*43010-1	Wood screws
*43010-2	Others
*43015-1	Wire roofing nails of all sizes and wire nails ... coated or not
*43020-1	Cut nails, of iron or steel, coated or not
*43025-1	Wire nails less than one inch in length ...
*43030-1	Railway spikes, of iron or steel, coated or not
43035-1	Spikes or iron or steel, coated or not, n.o.p.
*43200-1	Hollow-ware, of iron or steel, coated or not, n.o.p.
*43205-1	Kitchen and dairy hollow-ware ... for shipping milk and cream
*43210-1	Hollow-ware, of iron or steel, coated with vitreous enamel
*43215-1	Containers manufactured from tinplate ... imported by manufactures
43220-1	Manufactures of tinplate ... manufactures of tin, n.o.p.
*43225-1	Stainless steel bottom, body, and neck parts ... steel milk cans
*43235-1	Aerosol containers of metal other than aluminum ...
*43300-1	Baths, bathtubs, basins ... of iron or steel ...
43415-1	Motor rail cars or units for use on railways ... parts ...
43425-1	Trucks of welded design with tubular...not made in Canada...(1)
43505-1	Locomotives and motor cars for railways...not made (for mining)(1)
43510-1	Diesel switching locomotives ... not made in Canada ...(1)
43715-1	Insulated rail joints and connections for use therewith ...
43720-1	Diesel motor rail cars ... parts thereof
43800-1	Railway cars and parts thereof, n.o.p.
	Bearings ... Vulcanized fibre ... Parts ... motor vehicles:
43806-1	When of a class or kind not made in Canada
43807-1	When of a class or kind made in Canada
	Ammeters ... Throttle ... Assemblies ... Parts ... motor vehicles:
43810-1	All of the foregoing when for use ... specified vehicles
43811-1	If the above articles ... not made in Canada ... original ...
43816-1	... of a class or kind not made in Canada ...
	Air cleaners; Axles ... Parts of the foregoing ...:
43819-1	For the manufacture of motor trucks ...
43821-1	For the use in the repair of motor trucks ...

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(1) Struck from Customs Tariff effective May 24, 1985.

	Internal combustion engines of 348 cubic inches and under ...:
43825-1	For use as original equipment for motor trucks ...
43826-1	For use in the repair of motor trucks ...
43829-1	Parts, n.o.p. ... for automobiles ...
*43850-1	Welded steel tubing ... manufacture of motor vehicles
*43863-1	Parts ... for ... brake control systems for motor vehicles ...
43864-1	Unserviceable parts ... combustion engines ... not made in Canada ...
*43867-1	Welded steel tubing ... for ... exhaust systems for motor vehicles
43868-1	Snowmobiles ... all parts, and accessories ... original equipment ...
43877-1	Materials ... not made in Canada ... passenger automobiles ...
43887-1	Welded steel tubing ... for lifting and dumping devices ...
*43888-1	... iron or steel tubing ... spacers for truck frames ...
*43889-1	Welded steel tubing ... drive shafts ... of motor vehicles
*43895-1	Welded steel tubing ... push rods of motor vehicles
43906-1	... Chain; Pedals ... Parts ... for use in ... unicycles ...
*43908-1	Chain for use in ... manufacture of stationary exercise cycles
43915-1	Farm wagons ... parts of all the foregoing
43925-1	Buggies, cutters ... parts of the foregoing
	Anchors for vessels:
*44012-1	Weighing less than 18 kg
44013-1	Weighing 18 kg or over
44019-1	Iron or steel masts, or parts thereof ... (see 44000-1 to 44009-1)
44022-1	Manufactures of iron ... not made in Canada
44025-1	Diesel engines ... tariff items 44000-1 to 44009-1 inclusive
44031-1	... articles and materials ... for buoys and beacons ... parts ...
44034-1	Trawls, trawling spoons ... n.o.p.
44059-1	... Bolts, cocks, cotter pins ... Parts ...
44061-1	Flight simulator systems; parts thereof, n.o.p.
44062-1	... Castings ... for use in ... tariff item 44060-1
44101-1	Muskets and parts thereof
44200-1	Articles and materials ... manufacture of agricultural goods
44205-1	Material, including all parts ... of metal for manufacturing
44300-1	Apparatus, and parts thereof, for cooking or for heating buildings...
44300-2	Apparatus for cooking, designed for household use; parts thereof
44300-3	Apparatus for heating buildings, designed for household use ...
44310-1	Oven thermostats ... for manufacture of apparatus ... with gas
44503-1	Parts of electric light fixtures ...
44508-1	Electric telephone apparatus and complete parts thereof
44514-2	Electric dynamos ... complete parts thereof, n.o.p.
44516-1	Electric motors and complete parts thereof, n.o.p.
44516-2	Electric motors over 1/10 horsepower but less than 1 horsepower ...
	Electric apparatus and complete parts thereof, n.o.p.:
44524-1	Other than the following (see 44524-2 to 44524-6)
44524-5	Metal clad industrial switchgear, complete parts thereof
44532-1	Electrical instruments and apparatus ... not made in Canada ...
	Radio and television apparatus and parts thereof, n.o.p.:
44533-1	Other than the following (see 44533-2 and 44533-5)
44533-3	Monochrome television receiving sets and parts thereof
44533-4	Domestic colour television receiving sets and parts thereof
44538-1	Recorders, reproducers ... parts thereof, n.o.p.

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	Manufacturing, articles or wares, of iron or steel ... n.o.p.:
44603-1	Other than the following (See 44603-2 and 44603-4)
44603-3	Coin control devices ... and parts thereof
*44603-5	Drums, storage tanks and parts thereof
*44612-1	Bottles or cylinders of steel for use ... containers for gas
*44614-1	Iron or steel high pressure tubes ... compressed gas
*44615-1	Steel shapes ... for burnishing
*44616-1	Carbon steel fibres or wires...for use in...cast refractory shapes
44630-1	Stamping of metal, or assemblies thereof ... manufacture of bath tubs
*44646-1	Hemispherical steel heads ... for liquefied petroleum gas ...
*44652-1	Stainless steel bottom domes ... for soft drink syrup containers
44655-1	Balls of stainless steel ... ball point pens ...
44658-1	Deep-drawn shells ... of iron or steel ... for acetylene gas
44662-1	Metal ferrules for use ... in pencils
*44663-1	Spikes and spike sockets ... the manufacture of golf footwear
*44664-1	Cleats ... for use in ... the manufacture of football footwear
*44666-1	Ice spikes ... for use in the manufacture of footwear
*44725-1	Well points, well screens ... not made in Canada, parts thereof
*44900-1	Steel wool, including steel wool ... soap
45110-1	Needles, of any material or kind, n.o.p.
	Pins manufactured from wire of any metal:
45115-1	Specially designed for marking systems
45116-1	N.o.p.
45120-1	Corset clasps, busks, blanks, steels ... rattan or horn, covered
45310-1	Stampings of metal ... manufacture of covered buttons
45505-1	Parts for use in the manufacture of locks ... tariff item 45500-1
46000-1	Materials to be used ... for ... bridges and tunnels ...
46110-1	Parts of scales, finished or unfinished
46200-1	Instruments for observation, measurement ... parts ...
*46800-1	Animal cages of wire and metal parts thereof
47000-1	Patterns of iron, steel, brass or other metal ...
47600-1	X-ray apparatus and X-ray film ... Parts of all the foregoing ...
47805-1	Artificial limbs ... and all accessories and devices therefor ...
	Invalid chairs ... walkers ... for the disabled ...:
47825-1	Of a class or kind made in Canada; parts thereof
47826-1	Of a class or kind not made in Canada; parts thereof
47835-1	Alternating pressure mattresses; canes and crutches ...
47900-1	Materials and articles for use ... in manufacture ...
	Machinery and apparatus for use in ... oil or gas exploration ...:
49102-1	Blow-out preventers ... Parts of all the foregoing
	All other machinery and apparatus ... item 49103-1:
49104-1	Of a class or kind made in Canada
49105-1	Of a class or kind not made in Canada
49106-1	Sucker rods, pony rods ... parts of the foregoing
49110-1	Mud pumps over 1,000 h.p. ... parts of all the foregoing
	Bolted steel tanks ... all the foregoing ... for oil ... wells ...:
49101-1	Of a class or kind made in Canada; parts thereof
49202-1	Of a class or kind not made in Canada; parts thereof

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* Indicates that goods under the present tariff item are classified only to this Chapter.

	Machinery and apparatus for use in ... products from natural gas:
49210-1	Of a class or kind made in Canada; parts thereof(1)
	Machinery and apparatus for use in ... producing crude oil ...
49215-1	Of a class or kind made in Canada; parts thereof
49216-1	Of a class or kind not made in Canada; parts thereof
49217-1	Walking draglines, electrically operated ... open pit mining ...
49220-1	Material for use in the manufacture of ... specified goods
51135-1	Climbing and mountaineering equipment ... parts ...
51400-1	Coffins and caskets, and metal parts thereof
51600-1	Blinds of wood, metal or other material, not textile or paper
	House, office, cabinet or store furniture of wood, iron ...:
51902-1	In chief part by value of metal
59503-1	Steel pins; slip sheets ... in manufacture of tape cassettes ...
	Agraffes ... Hammer heads ... Piano and organ sharps ...:
59600-1	All the foregoing ... manufacture or repair ... piano, organs ...
61000-1	Belting, n.o.p. ... not including ... textile fibres
62300-1	Musical instrument cases, fancy cases or boxes ... parts
62300-3	Purses, reticules; parts of the foregoing
62400-1	Bead ornaments ... fans of all kinds ... of any material, n.o.p.
65615-1	Cases for cigar and cigarette holders ... any tobacco pipe mounts
68200-1	Fish hooks, for deep-sea or lake fishing...for commercial fishing...
68205-1	Articles and materials for use in manufacture ... tariff item 68200-1
69605-1	Apparatus, utensils ... for non-profit organizations
69605-2	Maps, charts, motion picture films ... for non-profit organization
69615-1	Moving picture films...for educational, scientific or cultural uses...
	Coverings ... used in covering ... goods imported ...:
71001-1	Usual coverings, containing free goods only...except...liquids...
71002-1	Usual coverings ... subject to any ad valorem duty ... not included
71003-1	Usual coverings ... subject to any ad valorem duty ... included ...
71100-1	All goods not enumerated in this schedule ...
84900-1	Goods which enter into the cost of manufacture of fertilizers ...
85005-1	Containers, and parts thereof, for ... heading 93811
95001-1	Automobiles, when imported by a manufacturer of automobiles
95002-1	All parts and accessories...equipment in automobiles...manufacturer...
95004-1	All parts, and accessories ... original equipment in buses
95006-1	All parts, and accessories ... specified commercial vehicles ...

B. The Board's Analysis and Recommendations

The Board received four submissions related to goods covered, in whole or in part, by Chapter 73. Two firms, FAG Bearings Limited and UCB Customs Brokers Inc., presented briefs bringing to the attention of the Board issues of a broad nature, such as the treatment of parts; these issues are dealt with in the introduction to this report. Two other submissions, from the Canadian Textiles Institute (CTI) and Canadian Timken, Limited, made specific suggestions and/or recommendations for changes.

The CTI expressed concern about the continuation of the MFN Free rate for goods at present classified under the following five end use tariff items:

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(1) Struck from *Customs Tariff* effective May 24, 1985.

40956-1
43877-1
44200-1
49220-1
84900-1

Tariff item 43877-1 is a temporary tariff item and, is outside the Board's mandate. However, the CTI's concern is drawn to the attention of the Minister. Regarding present tariff items 40956-1, 44200-1 and 49220-1, it will be noted that these have already been included in the Supplementary Annex at Free and, the Board makes no further recommendations. With respect to tariff item 84900-1, the Board recommends that it be added to the Supplementary Annex with its present wording.

The submission of Canadian Timken, Limited was, in the main, directed towards goods which are the subject of Chapter 84. However, the company expressed some concern over the possible increase in duty on "roller bearing quality seamless alloy steel tubing" at present classified under tariff item 44205-1, at an MFN rate of Free. Timken recommended, in the absence of specific provisions elsewhere in the proposed Schedule, that a tariff line be established under subheading No. 7304.51 (Cold-drawn or cold-rolled steel tubes) or 7304.59 (Other tubes of circular cross-section, of other alloy steel) to provide for duty free entry. However, present tariff item 44205-1 is provided for in the Supplementary Annex and, therefore, imports of the subject goods under the HS will continue to enter at a rate of Free, and no action is required.

In order to incorporate the tariff rate revisions arising from the implementation of recommendations contained in Tariff Board Reference 159, the Board makes the following changes to the draft Schedule:

1. - that heading No. 73.21 be revised to reflect the rate changes applicable to tariff item 44300-10 (Apparatus for cooking ... Other than the following) from 12.5 p.c. to 12.6 p.c., and to tariff item 44300-12 (Parts of gas stoves or ranges) from 12.5 p.c. to 13.4 p.c.:

HS Item	MFN Rate	HS Item	MFN Rate
7321.11.00	12.6%	7321.81.00.00	12.6%
7321.12.00.00	12.6%	7321.82.00.00	12.6%
7321.13.00.00	12.6%	7321.83.00.00	12.6%

Delete the rates of duty under 7321.90.00.00 and add the following:

			MFN Rate
7321.90	-Parts		
7321.90.10.00	---Of gas stoves or ranges	No.	13.4%
7321.90.90.00	---Other parts	No.	12.6%

2. - that tariff line 7311.00.00 be revised to reflect the rate change applicable to tariff item 44612-1 (Bottles or cylinders of steel for use as high-pressure containers for gas) from 10.2 p.c. to 10.6 p.c., in the following manner:

Delete the rates of duty under 7311.00.00 and add the following:

			MFN Rate
73.11	Containers for compressed or liquefied gas, of iron or steel.		
7311.00.10.	---Bottles and cylinders		10.6%
10	-----For torches	-	
20	-----Scuba tanks	-	
30	-----One-trip shippers	-	
90	-----Other	-	
7311.00.90.00	---Other containers	-	10.2%

Rate changes arising from Reference 159 have also affected the following tariff items:

	Old MFN Rate	New MFN Rate
42701-1	9.2 p.c.	9.3 p.c.
44508-3	17.5 p.c.	17.6 p.c.
44524-1	10.2 p.c.	10.3 p.c.
44533-1	9.2 p.c.	9.5 p.c.

Goods classified to the above tariff items have, in part, been allocated to heading Nos. 73.07, 73.15, 73.18 and 73.20 which include goods covered by the expression "parts of general use". However, the volume of trade allocated to each of the HS headings from the present tariff items is insignificant in terms of the method used to calculate the rate of duty and, therefore, the Board makes no recommendations for change.

The Board's analysis of Chapter 73 revealed instances where the criteria for rate of duty restoration are met and where adjustments to the proposed rates are required. With regard to the latter, tariff item 39000-1 (Castings of iron or steel, in the rough, n.o.p.) has been concorded, in part, to tariff line 7325.99.90 with a proposed rate of 9.8%. Calculations based on a trade weighted average indicate that the correct MFN rate should be 9.4%, and the Board so recommends.

Goods at present admitted under tariff item 39710-1 (corrugated metal culvert pipe, coated or not) at 9.2 p.c. would, in the HS, be classified to 7305.90.20 at 12.2% MFN. This change in tariff treatment would meet the criteria established for restoring existing rates. The Board thus recommends the insertion of a new tariff line for corrugated steel for metal culverts at 9.2% as follows:

Delete the rates of duty under 7305.90.20.00 and add the following:

			MFN Rate
	---Of alloy steel		
7305.90.21.00	----For metal culverts, corrugated, whether or not coated	kg	9.2%
7305.90.29.00	----Other	kg	12.2%

With regard also to tariff item 43020-1 (Cut nails, of iron or steel ...) at 0.41 cts. per one hundred pounds or 0.90 cts. per kg, the Board notes that the product has been concorded to tariff line 7317.00.10 with a duty of 1.76¢/kg. To maintain the current rate on cut nails, it is recommended that new tariff lines be introduced under subheading No. 7317.00 as follows:

Delete the rates of duty under 7317.00.10 and add the following:

			MFN Rate
	---Cut nails; wire roofing nails; wire nails of a length of 25 mm or more		
7317.00.11.00	----Cut nails	kg	0.90¢/kg
7317.00.19.	----Other		1.76¢/kg
10	-----Wire roofing nails	kg	
	-----Other wire nails		
91	------Spiral shank	kg	
92	------Ringed shank	kg	
99	------Other shank	kg	

Further, the Board found that those goods which enter under tariff item 44615-1 (Steel shapes, including steel balls not larger than three-eighths inch in diameter, for burnishing) at 7.5 p.c. MFN have been assigned to tariff line 7326.11.00 at a proposed rate of 10.2% MFN. Accordingly, to preserve the present rate, the Board recommends that a new tariff line be added under subheading No. 7326.11 as follows:

Delete the rates of duty under 7326.11.00.00 and add the following:

			MFN Rate
7326.11	--Grinding balls and similar articles for mills		
7326.11.10.00	---Grinding balls, not exceeding 9.525 mm in diameter, and similar articles, for burnishing	kg	7.5%
7326.11.90.00	---Other	kg	10.2%

The Board's nomenclature changes are listed in Table 73.1.

Table 73.1

The Board's Nomenclature Changes

HS Code	Description of Goods	Reason for Change
7301.20.00.10	Renumber 7301.20.00.20	2
7301.20.00.20	Renumber 7301.20.00.10	2
7302.10.10.00	---For railway, worn Pour chemin de fer, usagés	2
7302.10.10.10	New class -----Reroll Laminés à nouveau	5
7302.10.10.90	New Class -----Other Autres	5
7302.10.20	---For railway, new, of iron or non-alloy steel Pour chemin de fer, neufs, en fer ou en en aciers non alliés	2
7302.10.20.10	Delete from 7302.10.20.10 to 7302.10.20.30 and replace with the following six entries	5
7302.10.20.10	-----Heat treated Traités à chaud	
7302.10.20.20	-----Not heat treated Non traités à chaud	
7302.10.20.21	------Of a weight not exceeding 50 kg/m D'un poids n'excédant pas 50 kg/m	
7302.10.20.22	------Of a weight exceeding 50 kg/m but not exceeding 57 kg/m D'un poids excédant 50 kg/m mais n'excédant pas 57 kg/m	
7302.10.20.23	------Of a weight exceeding 57 kg/m but not exceeding 67 kg/m D'un poids excédant 57 kg/m mais n'excédant pas 67 kg/m	
7302.10.20.24	------Of a weight exceeding 67 kg/m D'un poids excédant 67 kg/m	

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7302.10.90	-----Other rails . . . . Autres rails	3
7302.10.90.10	Delete from 7302.10.90.10 to 7302.10.90.30 and replace with the following nine entries	2&5
7302.10.90.10	-----For railway, new, of alloy steel, heat treated . . . . Pour chemin de fer, neufs, en aciers alliés, traités à chaud	
7302.10.90.20	-----For railway, new, of alloy steel, not heat treated . . . . Pour chemin de fer, neufs, en aciers alliés, non traités à chaud	
7302.10.90.21	------Of a weight not exceeding 50 kg/m . . . . D'un poids n'excédant pas 50 kg/m	
7302.10.90.22	------Of a weight exceeding 50 kg/m but not exceeding 57 kg/m . . . . D'un poids excédant 50 kg/m mais n'excédant pas 57 kg/m	
7302.10.90.23	------Of a weight exceeding 57 kg/m but not exceeding 67 kg/m . . . . D'un poids excédant 57 kg/m mais n'excédant pas 67 kg/m	
7302.10.90.24	------Of a weight exceeding 67 kg/m . . . . . . D'un poids excédant 67 kg/m	
7302.10.90.30	-----Crane rails . . . . Rails de translation	
7302.10.90.40	-----Industrial rails . . . . Rails industriels	
7302.10.90.90	-----Other . . . . Autres	
7302.90.90.00	---Check-rails, rack rails, chairs, chair wedges, rail clips, bedplates, ties and other material specialized for jointing or fixing rails . . . . Contre-rails, crémaillères, coussinets, coins, selles d'assise, plaques de serrage, plaques et barres d'écartement et autres pièces spécialement conçues pour la pose, le jointement ou la fixation des rails	3

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7304.10.00.10	Delete from 7304.10.00.10 to 7304.10.00.20 and replace with the following seven entries	5
7304.10.00.10	-----Of iron or non-alloy steel, hot finished . En fer ou en aciers non alliés, parachevés à chaud	
7304.10.00.11	------Of an outside diameter exceeding 48.3 mm but not exceeding 114.3 mm . . . . D'un diamètre extérieur excédant 48,3 mm mais n'excédant pas 114,3 mm	
7304.10.00.12	------Of an outside diameter exceeding 114.3 mm but not exceeding 168.3 mm . . . . D'un diamètre extérieur excédant 114,3 mm mais n'excédant pas 168,3 mm	
7304.10.00.13	------Of an outside diameter exceeding 168.3 mm but not exceeding 323.9 mm . . . . D'un diamètre extérieur excédant 168,3 mm mais n'excédant pas 323,9 mm	
7304.10.00.14	------Of an outside diameter exceeding 323.9 mm . . . . D'un diamètre extérieur excédant 323,9 mm	
7404.10.00.20	-----Of iron or non-alloy steel, cold finished . En fer ou en aciers non alliés, parachevés à froid	
7304.10.00.30	-----Of alloy steel . . . . En aciers alliés	
7304.20.10.20	Renumber 7304.20.10.90 -----Other . . . . Autres	5
7304.20.90.11	New class ------Of an outside diameter exceeding 114.3 mm but not exceeding 177.8 mm . . . . D'un diamètre extérieur excédant 114,3 mm mais n'excédant pas 177,8 mm	5
7304.20.90.12	New class ------Of an outside diameter exceeding 177.8 mm but not exceeding 208.4 mm . . . . D'un diamètre extérieur excédant 177,8 mm mais n'excédant pas 208,4 mm	5

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7304.20.90.13	New class ------Of an outside diameter exceeding 208.4 mm . . . . D'un diamètre extérieur excédant 208,4 mm	5
7304.20.90.91	New class ------Of an outside diameter not exceeding 42.2 mm . . . . D'un diamètre extérieur n'excédant pas 42,2 mm	5
7304.20.90.92	New class ------Of an outside diameter exceeding 42.2 mm . D'un diamètre extérieur excédant 42,2 mm	5
7304.31.00.10	-----Mechanical tubes and pipes. . . . . Tubes et tuyaux mécaniques	2
7304.31.00.20	-----Pressure tubes and pipes. . . . . Tubes et tuyaux sous pression	2
7304.31.00.21	------For power boilers . . . . Pour chaudières à vapeur	4
7304.31.00.22	Renumber 7304.31.00.28 ------For other boilers . . . . Pour autres chaudières	2&4
7304.31.00.29	------For other pressure uses . . . . Pour autres usages sous pression	3
7304.31.00.90	-----Other, cold-drawn or cold-rolled . . . . . Autres, étirés ou laminés à froid	3
7304.39.00.10	-----Mechanical tubes and pipes . . . . Tubes et tuyaux mécaniques	2
7304.39.00.20	-----Pressure tubes and pipes . . . . Tubes et tuyaux sous pression	2
7304.39.00.21	------For power boilers . . . . Pour chaudières à vapeur	4
7304.39.00.22	Renumber 7304.39.00.28 ------For other boilers . . . . Pour autres chaudières	4
7304.39.00.29	------For other pressure uses . . . . Pour autres usages sous pression	3
7304.39.00.30	New class -----Standard tubes and pipes . . . . Tubes et tuyaux standard	5

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7304.41.00.10	-----Mechanical tubes and pipes . . . . Tubes et tuyaux mécaniques	2
7304.41.00.20	-----Pressure tubes and pipes . . . . Tubes et tuyaux sous pression	2
7304.41.00.21	------For power boilers . . . . Pour chaudières à vapeur	4
7304.41.00.29	------For other pressure uses . . . . Pour autres usages sous pression	3
7304.49.00.10	-----Mechanical tubes and pipes . . . . Tubes et tuyaux mécaniques	2
7304.49.00.20	-----Pressure tubes and pipes . . . . Tubes et tuyaux sous pression	2
7304.49.00.21	------For power boilers . . . . Pour chaudières à vapeur	4
7304.49.00.29	------For other pressure uses . . . . Pour autres usages sous pression	3
7304.51.00.10	-----Mechanical tubes and pipes . . . . Tubes et tuyaux mécaniques	2
7304.51.00.20	-----Pressure tubes and pipes . . . . Tubes et tuyaux sous pression	2
7304.59.00.10	-----Mechanical tubes and pipes . . . . Tubes et tuyaux mécaniques	2
7304.59.00.20	-----Pressure tubes and pipes . . . . Tubes et tuyaux sous pression	2
	New class	
7304.59.00.30	-----Standard tubes and pipes . . . . Tubes et tuyaux standard	5
7304.90.90.10	-----Mechanical tubes and pipes . . . . Tubes et tuyaux mécaniques	2
	New class	
7305.19.00.10	-----Spirally welded . . . . Soudés spiralement	5
	New class	
7305.19.00.90	-----Other . . . . Autres	5
7305.31.10.10	-----Standard tubes and pipes . . . . Tubes et tuyaux standard	2

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7305.31.10.20	-----Pressure tubes and pipes Tubes et tuyaux sous pression	2
7305.31.20.11	Delete this class	5
7305.31.20.12	Delete this class	5
7305.31.20.19	Delete this class	5
7305.31.20.20	Renumber 7305.31.20.90 -----Of other alloy steel En autres aciers alliés	2
7305.31.20.21	Delete this class	5
7305.31.20.22	Delete this class	5
7305.31.20.29	Delete this class	5
7305.39	--Other, welded Autres, soudés	3
7306.20.00.10	Delete 7306.20.00.10 and 7306.20.00.20 and replace with the following ten entries	5
7306.20.00.10	-----Drill pipe Tiges de forage	
7306.20.00.11	------New Nouvelles	
7306.20.00.19	------Other Autres	
7306.20.00.20	-----Casing Tubes de cuvelage	
7306.20.00.21	------Of an outside diameter exceeding 114.3 mm but not exceeding 177.8 mm D'un diamètre extérieur excédant 114,3 mm mais n'excédant pas 177,8 mm	
7306.20.00.22	------Of an outside diameter exceeding 177.8 mm but not exceeding 298.4 mm D'un diamètre extérieur excédant 177,8 mm mais n'excédant pas 298,4 mm	
7306.20.00.23	------Of an outside diameter exceeding 298.4 mm D'un diamètre extérieur excédant 298,4 mm	

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7306.20.00.90	-----Other Autres	
7306.20.00.91	------Of an outside diameter not exceeding 42.2 mm D'un diamètre extérieur n'excédant pas 42,2 mm	
7306.20.00.92	------Of an outside diameter exceeding 42.2 mm D'un diamètre extérieur excédant 42,2 mm	
7306.30.00.10	Delete from 7306.30.00.10 to 7306.30.00.29 and replace with the following 13 entries	5
7306.30.00.10	-----Of a diameter not exceeding 114.3 mm D'un diamètre n'excédant pas 114,3 mm	
7306.30.00.11	------Mechanical tubes and pipes Tubes et tuyaux mécaniques	
7306.30.00.12	------Pressure tubes and pipes Tubes et tuyaux sous pression	
7306.30.00.13	------Hollow structural sections Sections structurales creuses	
7306.30.00.14	------Standard tubes and pipes Tubes et tuyaux standard	
7306.30.00.15	------Conduit Conduit	
7306.30.00.19	------Other Autres	
7306.30.00.20	-----Of a diameter exceeding 114.3 mm D'un diamètre excédant 114,3 mm	
7306.30.00.21	------Mechanical tubes and pipes Tubes et tuyaux mécaniques	
7306.30.00.22	------Pressure tubes and pipes Tubes et tuyaux sous pression	
7306.30.00.23	------Hollow structural sections Sections structurales creuses	
7306.30.00.24	------Standard tubes and pipes Tubes et tuyaux standard	
7306.30.00.29	------Other Autres	

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7306.40.00.10	-----Pressure tubes and pipes Tubes et tuyaux sous pression	2
7306.50.00.10	Delete 7306.50.00.10 and replace with the following three entries	5
7306.50.00.10	-----Mechanical tubes and pipes Tubes et tuyaux mécaniques	
7306.50.00.20	-----Pressure tubes and pipes Tubes et tuyaux sous pression	
7306.50.00.30	-----Hollow structural sections Sections structurales creuses	
7306.60.10.10	New class -----Mechanical tubes and pipes Tubes et tuyaux mécaniques	5
7306.60.10.20	New class -----Hollow structural sections Sections structurales creuses	5
7306.60.10.90	New class -----Other Autres	5
7306.60.20.10	New class -----Mechanical tubes and pipes Tubes et tuyaux mécaniques	5
7306.60.20.20	New class -----Hollow structural sections Sections structurales creuses	5
7306.60.20.90	New class -----Other Autres	5
7307.21.10.00	-----Simplement forgés ou courbés à la forme requise, même ébarbés ou décapés	2
7307.29.10.00	-----Simplement forgés ou courbés à la forme requise, même ébarbés ou décapés	2
7307.91.10.00	-----Simplement forgés ou courbés à la forme requise, même ébarbés ou décapés	2
7307.99	--Other tube or pipe fittings. Autres accessoires de tuyauterie	3

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7307.99.10.00	-----Simplement forgés ou courbés à la forme requise, même ébarbés ou décapés	2
	New class	
7307.99.10.10	-----Couplings . . . . Raccords	5
	New class	
7307.99.10.90	-----Other . . . . Autres	5
	New class	
7307.99.91.10	-----Couplings . . . . Raccords	5
	New class	
7307.99.91.90	-----Other . . . . Autres	5
	New class	
7307.99.92.10	-----Couplings . . . . Raccords	5
	New class	
7307.99.92.90	-----Other . . . . Autres	5
7308.30.10.00	---Sash, casement or frame sections, not punched, nor drilled, imported by manufacturers of metal window sash, casements or frames for use in the manufacture of such articles in their own factories . . . . Sections de chassis, de croisées, de cadres ou de chambranles, non poinçonnés, ni perforés, importés par des fabricants de châssis de croisées, de cadres ou de chambranles de fenêtres, destinés à la fabrication de ces articles dans leurs propres fabriques	2
7308.30.90.10	Add an "s" to "leur"	4
7308.30.90.13	Renumber 7308.30.90.18 ------Other roll-up doors . . . . Autres portes à rideau	2
7308.40	Renumber 7308.40.00.00 and apply the rates of 7308.40.90.00	6
7308.40.10.00	Delete this class	6
7308.40.90.00	Delete this class	6

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7308.90.20.00	---Ouvrages de bâtiment façonnés pour la construction ou la réparation de silos pour ensiler le fourrage	1
7308.90.90	---Other structures and parts of structures; other plates, rods, angles, shapes, sections, tubes and the like, prepared for use in structures . . . . Autres constructions et parties de construction; autres tôles, barres, profilés, tubes et similaires préparés en vue de leur utilisation dans la construction	3
7308.90.90.20	Delete this class	6
7308.90.90.30	Delete this class	6
7308.90.90.40	Renumber 7308.90.90.20	6
7308.90.90.50	Renumber 7308.90.90.30	6
7308.90.90.60	Delete this class	6
7308.90.90.70	Renumber 7308.90.90.40	6
7309.00.30.00	---Bolted steel tanks for use in connection with oil or natural gas wells for installation between the well-head assembly or surface oil pumping unit and the field marketing valve . . . . Réservoirs en acier boulonné devant être utilisés pour les puits de pétrole ou de gaz naturel depuis la tête du puits ou l'unité de pompage du pétrole en surface et la vanne de distribution	4
7309.00.90	---Other containers of a capacity exceeding 300 l . . . . Autres contenants d'une contenance excédant 300 l	3
7310.10.90	---Other containers of a capacity of 50 l or more . . . . Autres contenants d'une contenance de 50 l ou plus	3
7310.29.90	---Other containers of a capacity of less than 50 l . . . . Autres contenants d'une contenance de moins de 50 l	3

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7310.29.99.90	-----Other containers Autres contenants	3
7312.10.10.00	---Ropes and cables, for use in commercial fishing operations	2
7312.10.20	---Ropes and cables, for use exclusively in the operation of logging, including removal of the log from stump to skidway, log dump or common or other carrier, but excluding use for guy ropes or for braking logs going down grade Câbles devant servir exclusivement à l'exploitation forestière, y compris le transport des billes de la souche à la voie de glissement, au dépôt de billes ou au voiturier public ou autre, mais ne servant pas d'étais ou pour freiner les billes descendant une pente	4
7312.10.30.00	---Ropes and cables, of a kind used as transmission belting Câbles des types utilisés comme courroies de transmission	2&4
7312.10.90	---Other stranded wire, ropes and cables Autres torons et câbles	3
7312.10.90.10	-----Stranded wire, reinforced, not alloyed steel Torons, renforcés, aciers non alliés	4
7312.10.90.20	-----Stranded wire, not reinforced, not alloyed steel Torons, non renforcés, aciers non alliés	4
7312.10.90.30	-----Stranded wire, alloyed steel Torons, aciers alliés	4
7312.10.90.40	-----Ropes and cables, containing eight strands or less Câbles composés de huit brins ou moins	2
7312.10.90.42	------Of a diameter exceeding 25 mm but not exceeding 50 mm	2
7312.10.90.50	-----Ropes and cables, containing more than eight strands Câbles composés de plus de huit brins	2
7312.10.90.52	------Of a diameter exceeding 25 mm but not exceeding 50 mm	2

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7313.00.10	---Ronces artificielles	1
7313.00.90.00	Renumber 7313.00.20.00 ---Twisted hoop or single flat wire; loosely twisted double wire Torsades en fils ou en feuillard	3
7314.19.10.00	---Des types utilisés comme courroies de transporteurs	2
7314.19.90.20	-----Tire cord fabrics Nappes tramées pour pneumatiques	2
7314.20.00.10	New class -----For concrete pipe reinforcement Pour armature de tuyauterie de béton	5
7314.20.00.20	New class -----For other concrete reinforcement Pour autre armature de béton	5
7314.20.00.90	New class -----Other Autres	5
7314.30.00.21	New class ------For concrete pipe reinforcement Pour armature de tuyauterie de béton	5
7314.30.00.22	New class ------For other concrete reinforcement Pour autre armature de béton	5
7314.30.00.29	New class ------Other Autres	5
7315.11	Renumber 7315.11.00. and apply the rates of 7315.11.90	6
7315.11.10.00	Delete this class	6
7315.11.90	Delete this class	6
7315.11.90.10	Renumber 7315.11.00.10	6
7315.11.90.90	Renumber 7315.11.00.90	6
7315.82.10.00	---Produced from material of a diameter of 28 mm or more Produits de matière d'un diamètre de 28 mm ou plus	2

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7315.82.20.00	---Produced from material of a diameter of less than 28 mm Produits de matière d'un diamètre de moins de 28 mm	2
7315.89.10.00	---Produced from material of a diameter of 28 mm or more Produits de matière d'un diamètre de 28 mm ou plus	2
7315.89.20	---Produced from material of a diameter of less than 28 mm Produits de matière d'un diamètre de moins de 28 mm	2
7315.89.20.10	-----Chaînes à grains ou à billes	1
7315.90.10.00	---Links produced from material of a diameter of 28 mm or more Mailles produites de matière d'un diamètre de 28 mm ou plus	2
7316.00.20.00	---D'un poids de moins de 18 kg	2
7317.00.90	---Other nails, tacks, drawing pins, corrugated nails, staples and similar articles Autres pointes, clous, punaises, crampons appointés, agrafes ondulées ou biseautées et articles similaires	3
7318.15.00.29	------Other machine screws Autres vis à machines	3
7318.15.00.31	------Pour véhicules aériens	2
7318.15.00.45	------Pour véhicules aériens	2
7318.23.00.10	-----Pour véhicules aériens	2
	New class	
7321.81.00.10	-----Boilers, heating, water or steam, not exceeding 117.2 kw input Chaudières de chauffage, à eau ou à vapeur, n'excédant pas une puissance de 117,2 kw	5
	New class	
7321.81.00.20	-----Boilers, heating, water or steam, exceeding 117.2 kw but not exceeding 586.1 kw input Chaudières de chauffage, à eau ou à vapeur, excédant 117,2 kw mais n'excédant pas une puissance de 586,1 kw	5

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7321.81.00.30	New class -----Boilers, heating, water or steam, exceeding 586.1 kw input . . . . Chaudières de chauffage, à eau ou à vapeur, excédant une puissance de 586,1 kw	5
7321.82.00.10	New class -----Boilers, heating, water or steam, not exceeding 117.2 kw input . . . . Chaudières de chauffage, à eau ou à vapeur, n'excédant pas une puissance de 117,2 kw	5
7321.82.00.20	New class -----Boilers, heating, water or steam, exceeding 117.2 kw but not exceeding 586.1 kw input . Chaudières de chauffage, à eau ou à vapeur, excédant 117,2 kw mais n'excédant pas une puissance de 586,1 kw	5
7321.82.00.30	New class -----Boilers, heating, water or steam, exceeding 586.1 kw input . . . . Chaudières de chauffage, à eau ou à vapeur, excédant une puissance de 586,1 kw	5
7321.83.00.10	New class -----Boilers, heating, water or steam, not exceeding 117.2 kw input . . . . Chaudières de chauffage, à eau ou à vapeur, n'excédant pas une puissance de 117,2 kw	5
7321.83.00.20	New class -----Boilers, heating, water or steam, exceeding 117.2 kw but not exceeding 586.1 kw input . Chaudières de chauffage, à eau ou à vapeur, excédant 117,2 kw mais n'excédant pas une puissance de 586,1 kw	5
7321.83.00.30	New class -----Boilers, heating, water or steam, exceeding 586.1 kw input . . . . Chaudières de chauffage, à eau ou à vapeur, excédant une puissance de 586,1 kw	5
7322.90.90	---Other radiators, air heaters and hot air distributors . . . . Autres radiateurs, générateurs et distributeurs d'air chaud	3
7322.90.90.10	-----Hot water or steam heaters and parts thereof . . . . Chauffeurs à eau ou à vapeur et leurs parties	2

TABLE 73.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7322.90.90.20	-----Warm air furnaces and parts thereof . . . . Brûleurs à air chaud et leurs parties	2
7322.90.90.29	------Parties	4
7322.90.90.91	------Gas fired unit heaters, including parts . Radiateurs autonomes au gaz, y compris les parties	2
7322.90.90.99	------Autres, y compris les parties	4
7323.10.00.10	-----Paille d'acier imprégnée de savon	2
7323.94.00.90	Delete this class	4
7323.94.00.91	Renumber 7323.94.00.80 -----Other household baskets, boxes and cans . . Autres paniers et boîtes de ménage ou d'économie domestique	4
7323.94.00.99	Renumber 7323.94.00.90	4
7324.29.10.00	---Stampings and assemblies thereof, for use in the manufacture of baths . . . . Estampages et assemblages de ceux-ci, devant servir à la fabrication de baignoires	2
7324.29.90.00	---Other baths . . . . Autres baignoires	3
7324.29.90.10	New class -----Stainless steel . . . . En acier inoxydable	5
7324.29.90.20	New class -----Porcelain enamelled steel . . . . En acier émaillé porcelaine	5
7324.29.90.90	New class -----Other . . . . Autres	5
7324.90.10	---Sinks, wash basins, flush cisterns, bidets and urinals . . . . Eviers, lavabos, réservoirs de chasse, bidets et urinoirs	2
7324.90.10.11	------De cuisine, en fonte émaillée porcelaine .	1
7324.90.10.12	------De cuisine, en acier émaillé porcelaine .	1
7324.90.10.19	------Other sinks . . . . Autres éviers	3

TABLE 73.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
7324.90.10.29	------Other wash basins Autres lavabos	3
7324.90.10.90	Renumber 7324.90.10.40 -----Bidets and urinals Bidets et urinoires	3
7324.90.90	---Other sanitary ware and parts thereof Autres articles d'hygiène ou de toilette et leurs parties	3
7324.90.90.20	New class -----Toilets, stainless steel Toilettes, en acier inoxydable	5
7324.90.90.30	New class -----Portable sanitary ware, stainless steel Articles d'hygiène ou de toilette, portatifs, en acier inoxydable	5
7325.91.00.10	-----Of cast iron.	2
7325.99	Renumber 7325.99.00.00 and apply the rates of 7325.99.90.00 --Other cast articles of iron or steel Autres ouvrages moulés en fonte, fer ou acier	3&6
7325.99.10.00	Delete this class	6
7325.99.90.00	Delete this class	6
7326.19.00.24	Renumber 7326.19.00.28 ------Of other alloy tool steel En autres aciers alliés à outils	2
7326.90.10.00	---Carcans en acier pour cantonner un ou plusieurs animaux de ferme dans un parc	1
7326.90.30.00	Delete this class and rates	6
7326.90.40.00	Renumber 7326.90.30.00 ---Têtes de puits sans cavité et leur parties	2
7326.90.90	---Other articles of iron or steel Autres ouvrages en fer ou en acier	3
7326.90.90.10	-----Material handling equipment	2
7326.90.90.19	------Other material handling equipment Autre matériel de manutention des matériaux	3

Chapter 73

ARTICLES OF IRON OR STEEL

Legal Notes. *

1. In this Chapter the expression "cast iron" applies to products obtained by casting in which iron predominates by weight over each of the other elements and which do not comply with the chemical composition of steel as defined in Note 1 (d) to Chapter 72.

2. In this Chapter the word "wire" means hot or cold-formed products of any cross-sectional shape, of which no cross-sectional dimension exceeds 16 mm.

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
73.01	**Sheet piling of iron or steel, whether or not drilled, punched or made from assembled elements; welded angles, shapes and sections, of iron or steel.**						
7301.10	-Sheet piling						
7301.10.10.00	---Not further worked than hot-rolled . . .	tonne	5%	6.8%	20%	4.5%	
7301.10.90.00	---Other	tonne	10.2%	10.2%	40%	6.5%	
7301.20.00.	-Angles, shapes and sections		10.2%	10.2%	40%	6.5%	
10	-----Of a height not exceeding 635 mm . . .	tonne					*
20	-----Of a height exceeding 635 mm	tonne					*
73.02	**Railway or tramway track construction material of iron or steel, the following: rails, check-rails and rack rails, switch blades, crossing frogs, point rods and other crossing pieces, sleepers (cross-ties), fish-plates, chairs, chair wedges, sole plates (base plates), rail clips, bedplates, ties and other material specialized for jointing or fixing rails.**						
7302.10	-Rails						
7302.10.10.	---For railway, worn		Free	Free	Free	Free	*
10	-----Reroll	tonne					*
90	-----Other	tonne					*
7302.10.20.	---For railway, new, of iron or non-alloy steel		5%	6.8%	20%	Free	*
10	-----Heat treated	kg					*
	-----Not heat treated						*
21	------Of a weight not exceeding 50 kg/m . .	kg					*
22	------Of a weight exceeding 50 kg/m but not exceeding 57 kg/m	kg					*
23	------Of a weight exceeding 57 kg/m but not exceeding 67 kg/m	kg					*
24	------Of a weight exceeding 67 kg/m	kg					*
7302.10.90.	---Other rails		5%	7.8%	20%	Free	*
10	-----For railway, new, of alloy steel, heat treated	kg					*
	-----For railway, new, of alloy steel, not heat treated						*
21	------Of a weight not exceeding 50 kg/m . .	kg					*
22	------Of a weight exceeding 50 kg/m but not exceeding 57 kg/m	kg					*
23	------Of a weight exceeding 57 kg/m but not exceeding 67 kg/m	kg					*
24	------Of a weight exceeding 67 kg/m	kg					*

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7302.10.90.30	-----Crane rails	kg					*
(cont.) 40	-----Industrial rails	kg					*
90	-----Other	kg					*
7302.20.00.00	-Sleepers (cross-ties)	kg	10.2%	10.2%	40%	6.5%	
7302.30.00.00	-Switch blades, crossing frogs, point rods and other crossing pieces	kg	10.2%	10.2%	30%	6.5%	
7302.40.00.00	-Fish-plates and sole plates	tonne	$5.51 /tonne	$7.12 /tonne	$8.82 /tonne	$4.74 /tonne	
7302.90	-Other						
7302.90.10.00	---Splice bars	tonne	$5.51 /tonne	$7.12 /tonne	$8.82 /tonne	$4.74 /tonne	
7302.90.90.00	---Check-rails, rack rails, chairs, chair wedges, rail clips, bedplates, ties and other material specialized for jointing or fixing rails	kg	10.2%	10.2%	35%	6.5%	*
73.03	**Tubes, pipes and hollow profiles, of cast iron.**						
7303.00.10.00	---Not finned, threaded or flanged	kg	7.5%	8%	25%	Free	
7303.00.90.00	---Other	kg	10%	10.2%	35%	6.5%	
73.04	**Tubes, pipes and hollow profiles, seamless, of iron (other than cast iron) or steel.**						
7304.10.00.	-Line pipe of a kind used for oil or gas pipelines		9.2%	9.2%	30%	6%	
	-----Of iron or non-alloy steel, hot finished						*
11	------Of an outside diameter exceeding 48.3 mm but not exceeding 114.3 mm	kg					*
12	------Of an outside diameter exceeding 114.3 mm but not exceeding 168.3 mm	kg					*
13	------Of an outside diameter exceeding 168.3 mm but not exceeding 323.9 mm	kg					*
14	------Of an outside diameter exceeding 323.9 mm	kg					*
20	-----Of iron or non-alloy steel, cold finished	kg					*
30	-----Of alloy steel	kg					*

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7304.20	-Casing, tubing and drill pipe, of a kind used in the drilling for oil or gas						
7304.20.10.	---Drill pipe		Free	Free	Free	Free	
10	-----New	kg					
90	-----Other	kg					*
7304.20.90.	---Other		5%	6.8%	20%	4.5%	
	-----Casing						*
11	------Of an outside diameter exceeding 114.3 mm but not exceeding 177.8 mm	kg					*
12	------Of an outside diameter exceeding 177.8 mm but not exceeding 208.4 mm	kg					*
13	------Of an outside diameter exceeding 208.4 mm	kg					*
	-----Other						*
91	------Of an outside diameter not exceeding 42.2 mm	kg					*
92	------Of an outside diameter exceeding 42.2 mm	kg					*
	-Other, of circular cross-section, of iron or non-alloy steel						
7304.31.00.	--Cold-drawn or cold-rolled (cold-reduced)		Free	4%	10%	Free	
10	-----Mechanical tubes and pipes	kg					*
	-----Pressure tubes and pipes						*
21	------For power boilers	kg					*
28	------For other boilers	kg					*
29	------For other pressure uses	kg					*
90	-----Other, cold-drawn or cold-rolled	kg					*
7304.39.00.	--Other		10.2%	10.2%	30%	6.5%	
10	-----Mechanical tubes and pipes	kg					*
	-----Pressure tubes and pipes						*
21	------For power boilers	kg					*
28	------For other boilers	kg					*
29	------For other pressure uses	kg					*
30	-----Standard tubes and pipes	kg					*
90	-----Other	kg					
	-Other, of circular cross-section, of stainless steel						
7304.41.00.	--Cold-drawn or cold-rolled (cold-reduced)		Free	4.5%	10%	Free	
10	-----Mechanical tubes and pipes	kg					*
	-----Pressure tubes and pipes						*
21	------For power boilers	kg					*
29	------For other pressure uses	kg					*
90	-----Other	kg					

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7304.49.00.	--Other		12.2%	12.2%	30%	8%	
10	-----Mechanical tubes and pipes	kg					*
	-----Pressure tubes and pipes						*
21	------For power boilers	kg					*
29	------For other pressure uses	kg					*
90	-----Other	kg					
	-Other, of circular cross-section, of other alloy steel						
7304.51.00.	--Cold-drawn or cold-rolled (cold-reduced)		Free	4.5%	10%	Free	
10	-----Mechanical tubes and pipes	kg					*
20	-----Pressure tubes and pipes	kg					*
90	-----Other	kg					
7304.59.00.	--Other		12.2%	12.2%	30%	8%	
10	-----Mechanical tubes and pipes	kg					*
20	-----Pressure tubes and pipes	kg					*
30	-----Standard tubes and pipes	kg					*
90	-----Other	kg					
7304.90	-Other						
	---Cold-drawn or cold-rolled (cold-reduced)						
7304.90.11.00	----Of iron or non-alloy steel	kg	Free	4%	10%	Free	
7304.90.12.00	----Of alloy steel	kg	Free	4.5%	10%	Free	
7304.90.90.	---Other		12.2%	12.2%	30%	8%	
10	-----Mechanical tubes and pipes	kg					*
90	-----Other	kg					
73.05	**Other tubes and pipes (for example, welded, riveted or similarly closed), having internal and external circular cross-sections, the external diameter of which exceeds 406.4 mm, or iron or steel.**						
	-Line pipe of a kind used for oil or gas pipelines						
7305.11.00.	--Longitudinally submerged arc welded		9.2%	9.2%	30%	6%	
10	-----Of iron or non-alloy steel	kg					
20	-----Of alloy steel	kg					
7305.12.00.00	--Other, longitudinally welded	kg	9.2%	9.2%	30%	6%	
7305.19.00.	--Other		9.2%	9.2%	30%	6%	*
10	-----Spirally welded	kg					*
90	-----Other	kg					*
7305.20.00.00	-Casing of a kind used in the drilling for oil or gas	kg	5%	6.8%	20%	4.5%	

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	MFN	Gen	GP	
	-Other, welded						
7305.31	--Longitudinally welded						
7305.31.10.	---Of iron or non-alloy steel		10.2%	10.2%	30%	6.5%	
10	-----Standard tubes and pipes	kg					*
20	-----Pressure tubes and pipes	kg					*
90	-----Other	kg					
7305.31.20.	---Of alloy steel		12.2%	12.2%	30%	8%	
10	-----Of stainless steel	kg					*
90	-----Of other alloy steel	kg					*
7305.39	--Other, welded						*
7305.39.10.00	---Of iron or non-alloy steel	kg	10.2%	10.2%	30%	6.5%	
7305.39.20.00	---Of alloy steel	kg	12.2%	12.2%	30%	8%	
7305.90	-Other						
7305.90.10.00	---Of iron or non-alloy steel	kg	10.2%	10.2%	30%	6.5%	
	---Of alloy steel						*
7305.90.21.00	----For metal culverts, corrugated, whether or not coated	kg	9.2%	9.2%	30%	6%	*
7305.90.29.00	----Other	kg	12.2%	12.2%	30%	8%	*
73.06	**Other tubes, pipes and hollow profiles (for example, open seam or welded, riveted or similarly closed), of iron or steel.**						
7306.10	-Line pipe of a kind used for oil or gas pipelines						
7306.10.10.	---Of a diameter exceeding 265 mm		9.2%	9.2%	30%	6%	
10	-----Of iron or non-alloy steel	kg					
20	-----Of alloy steel	kg					
	---Of a diameter not exceeding 265 mm						
7306.10.21.00	----Of iron or non-alloy steel	kg	10.2%	10.2%	30%	6.5%	
7306.10.22.00	----Of alloy steel	kg	12.2%	12.2%	30%	8%	
7306.20.00.	-Casing and tubing of a kind used in the drilling for oil or gas		5%	6.8%	20%	4.5%	
	-----Drill pipe						*
11	------New	kg					*
19	------Other	kg					*
	-----Casing						*
21	------Of an outside diameter exceeding 114.3 mm but not exceeding 177.8 mm	kg					*
22	------Of an outside diameter exceeding 177.8 mm but not exceeding 298.4 mm	kg					*
23	------Of an outside diameter exceeding 298.4 mm	kg					*

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	MFN	Gen	GP	
7306.20.00.	-----Other						*
(cont.) 91	------Of an outside diameter not exceeding 42.2 mm	kg					*
92	------Of an outside diameter exceeding 42.2 mm	kg					*
7306.30.00.	-Other, welded, of circular cross-section, of iron or non-alloy steel		10.2%	10.2%	30%	6.5%	
	-----Of a diameter not exceeding 114.3 mm						*
11	------Mechanical tubes and pipes	kg					*
12	------Pressure tubes and pipes	kg					*
13	------Hollow structural sections	kg					*
14	------Standard tubes and pipes	kg					*
15	------Conduit	kg					*
19	------Other	kg					*
	-----Of a diameter exceeding 114.3 mm						*
21	------Mechanical tubes and pipes	kg					*
22	------Pressure tubes and pipes	kg					*
23	------Hollow structural sections	kg					*
24	------Standard tubes and pipes	kg					*
29	------Other	kg					*
7306.40.00.	-Other, welded, of circular cross-section, of stainless steel		12.2%	12.2%	30%	8%	
10	-----Pressure tubes and pipes	kg					*
90	-----Other	kg					
7306.50.00.	-Other, welded, of circular cross-section, of other alloy steel		12.2%	12.2%	30%	8%	
10	-----Mechanical tubes and pipes	kg					*
20	-----Pressure tubes and pipes	kg					*
30	-----Hollow structural sections	kg					*
90	-----Other	kg					
7306.60	-Other, welded, or non-circular cross-section						
7306.60.10.	---Of iron or non-alloy steel		10.2%	10.2%	30%	6.5%	*
10	-----Mechanical tubes and pipes	kg					*
20	-----Hollow structural sections	kg					*
90	-----Other	kg					*
7306.60.20.	---Of alloy steel		12.2%	12.2%	30%	8%	*
10	-----Mechanical tubes and pipes	kg					*
20	-----Hollow structural sections	kg					*
90	-----Other	kg					*
7306.90	-Other						
7306.90.10.00	---Of iron or non-alloy steel	kg	10.2%	10.2%	30%	6.5%	
7306.90.20.00	---Of alloy steel	kg	12.2%	12.2%	30%	8%	

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
73.07	Tubes or pipe fittings (for example, couplings, elbows, sleeves), or iron or steel.						
	-Cast fittings						
7307.11.00.00	--Of non-malleable cast iron	-	10.2%	10.2%	30%	6.5%	
7307.19.00.00	--Other	-	10.2%	10.2%	30%	6.5%	
	-Other, of stainless steel						
7307.21	--Flanges						
7307.21.10.00	---Not further worked than forged or bent to shape, whether or not deburred or descaled	-	Free	6.8%	25%	Free	
7307.21.90.00	---Other	-	12.2%	12.2%	30%	8%	
7307.22.00.00	--Threaded elbows, bends and sleeves	-	12.2%	12.2%	30%	8%	
7307.23.00.00	--Butt welding fittings	-	12.2%	12.2%	30%	8%	
7307.29	--Other						
7307.29.10.00	---Not further worked than forged or bent to shape, whether or not deburred or descaled	-	Free	6.8%	25%	Free	
7307.29.90.00	---Other	-	12.2%	12.2%	30%	8%	
	-Other						
7307.91	--Flanges						
7307.91.10.00	---Not further worked than forged or bent to shape, whether or not deburred or descaled	-	Free	6.8%	25%	Free	
	---Other						
7307.91.91.00	----Of iron or non-alloy steel	-	10.2%	10.2%	30%	6.5%	
7307.91.92.00	----Of alloy steel other than stainless steel	-	12.2%	12.2%	30%	8%	
7307.92	--Threaded elbows, bends and sleeves						
7307.92.10.00	---Of iron or non-alloy steel	-	10.2%	10.2%	30%	6.5%	
7307.92.20.00	---Of alloy steel other than stainless steel	-	12.2%	12.2%	30%	8%	
7307.93	--Butt welding fittings						
7307.93.10.00	---Of iron or non-alloy steel	-	10.2%	10.2%	30%	6.5%	
7307.93.20.00	---Of alloy steel other than stainless steel	-	12.2%	12.2%	30%	8%	
7307.99	--Other tube or pipe fittings						*
7307.99.10.	---Not further worked than forged or bent to shape, whether or not deburred or descaled		Free	6.8%	25%	Free	*
10	-----Couplings	-					*
90	-----Other	-					*
	---Other						
7307.99.91.	----Of iron or non-alloy steel		10.2%	10.2%	30%	6.5%	*
10	-----Couplings	-					*
90	-----Other	-					*

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7307.99.92.	----Of alloy steel other than stainless steel		12.2%	12.2%	30%	8%	*
10	-----Couplings	-					*
90	-----Other	-					*
73.08	**Structures (excluding prefabricated buildings of heading No. 94.06) and parts of structures (for example, bridges and bridge-sections, lock-gates, towers, lattice masts, roofs, roofing frameworks, doors and windows and their frames and thresholds for doors, shutters, balustrades, pillars and columns), of iron or steel; plates, rods, angles, shapes, sections, tubes and the like, prepared for used in structures, of iron or steel.**						
7308.10.00.00	-Bridges and bridge-sections	-	10%	10.2%	35%	6.5%	
7308.20.00.	-Towers and lattice masts		10%	10.2%	35%	6.5%	
10	-----Transmission towers	-					
90	-----Other	-					
7308.30	-Doors, windows and their frames and thresholds for doors						
7308.30.10.00	---Sash, casement or frame sections, not punched, nor drilled, imported by manufacturers of metal window sash, casements or frames for use in the manufacture of such articles in their own factories	tonne	Free	$6.94 /tonne	$7.22 /tonne	Free	*
7308.30.90.	---Other		10%	10.2%	35%	6.5%	
	-----Doors and their frames						
11	------Sliding	No.					
12	------Domestic garage	No.					
18	------Other roll-up doors	No.					*
19	------Other	No.					
20	-----Windows and their frames	No.					
30	-----Thesholds for doors	No.					
7308.40.00.00	-Props and similar equipment for scaffolding, shuttering or pit-propping	No.	10%	10.2%	35%	6.5%	*
7308.90	-Other						
7308.90.10.00	---Silage caps	-	Free	Free	Free	Free	

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7308.90.20.00	---Fabricated building components for the construction or repair of silos for storing ensilage	-	6.8%	6.8%	25%	4.5%	
7308.90.90.	---Other structures and parts of structures; other plates, rods, angles, shapes, sections, tubes and the like, prepared for use in structures		10.2%	10.2%	30%	6.5%	*
10	-----Ceilings, including frames for suspended ceilings	-					
20	-----Roofing	-					*
30	-----Siding, including soffit or fascia	-					*
40	-----Assembled fence, including barriers or crossing gates	-					*
	-----Other						
91	------Livestock pens or stalls	-					
92	------Staircases	-					
93	------Roof decks or balconies	-					
94	------Moulding or trim	-					
95	------Grills, air diffusers or ducts	-					
99	------Other	-					
73.09	**Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment.**						
7309.00.10.00	---Dairy vats	-	Free	Free	35%	Free	
7309.00.20.00	---Tanks for the storage of animal excreta	-	6.8%	6.8%	25%	4.5%	
7309.00.30.00	---Bolted steel tanks for use in connection with oil or natural gas wells for installation between the well-head assembly or surface oil pumping unit and the field marketing valve	-	Free	Free	Free	Free	*
7309.00.90.	---Other containers of a capacity exceeding 300 l		8%	8%	35%	5%	*
10	-----Vacuum or pressure tanks	-					
20	-----Hot water storage tanks	-					
30	-----Septic tanks	-					
90	-----Other	-					

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
73.10	**Tanks, casks, drums, cans, boxes and similar containers, for any material (other than compressed or liquefied gas), of iron or steel, of a capacity not exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment.**						
7310.10	-Of a capacity of 50 l or more						
7310.10.10.	---Tanks or drums		8%	8%	35%	5%	
	-----Tanks						
11	------Pressure or vacuum.	-					
19	------Other	-					
	-----Drums						
21	------One-trip shippers	-					
29	------Other	-					
7310.10.90.	---Other containers of a capacity of 50 l or more		10.2%	10.2%	35%	6.5%	*
10	-----Cans	-					
90	-----Other	-					
	-Of a capacity of less than 50 l						
7310.21.00.	--Cans which are to be closed by soldering or crimping		10.2%	10.2%	35%	6.5%	
10	-----For food	-					
90	-----Other	-					
7310.29	--Other						
7310.29.10.	---Tanks or drums		8%	8%	35%	5%	
10	-----One-trip shippers	-					
90	-----Other	-					
	---Other containers of a capacity of less than 50 l						*
7310.29.91.00	----Cryogenic containers for use in the shipment or storage of vaccines for poultry	-	Free	Free	25%	Free	
7310.29.99.	----Other		10.2%	10.2%	35%	6.5%	
10	-----Cans	-					
90	-----Other containers	-					*
73.11	**Containers for compressed or liquefied gas, of iron or steel**						*
7311.00.10.	---Bottles and cylinders		Free	10.6%	25%	Free	*
10	-----For torches	-					*
20	-----Scuba tanks	-					*
30	-----One-trip shippers	-					*
90	-----Other	-					*
7311.00.90.00	---Other containers	-	10%	10.2%	35%	7%	*

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
73.12	**Stranded wire, ropes, cables, plaited bands, slings and the like, of iron or steel, not electrically insulated.**						
7312.10	-Stranded wire, ropes and cables						
7312.10.10.00	---Ropes and cables, for use in commercial fishing operations	kg	Free	6.8%	25%	Free	*
7312.10.20.	---Ropes and cables, for use exclusively in the operation of logging, including removal of the log from stump to skidway, log dump or common or other carrier, but excluding use for guy ropes or for braking logs going down grade		8%	8%	20%	5%	*
10	-----Of a diameter not exceeding 25 mm . . .	kg					
20	-----Of a diameter exceeding 25 mm but not more than 50 mm	kg					
30	-----Of a diameter exceeding 50 mm	kg					
7312.10.30.00	---Ropes and cables, of a kind used as transmission belting	kg	7.5%	17.5%	27.5%	7.5%	*
7312.10.90.	---Other stranded wire, ropes and cables . .		9.2%	9.2%	25%	6%	*
	-----Stranded wire, reinforced, not alloyed steel						*
11	------Of a diameter not exceeding 5 mm . . .	kg					
12	------Of a diameter exceeding 5 mm	kg					
	-----Stranded wire, not reinforded, not alloyed steel						*
21	------Of a diameter not exceeding 5 mm . . .	kg					
22	------Of a diameter exceeding 5 mm	kg					
	-----Stranded wire, alloyed steel						*
31	------Of a diameter not exceeding 5 mm . . .	kg					
32	------Of a diameter exceeding 5 mm	kg					
	-----Ropes and cables, containing eight strands or less						*
41	------Of a diameter not exceeding 25 mm . .	kg					
42	------Of a diameter exceeding 25 mm but not exceeding 50 mm	kg					*
43	------Of a diameter exceeding 50 mm	kg					
	-----Ropes and cables, containing more than eight strands						*
51	------Of a diameter not exceeding 25 mm . .	kg					
52	------Of a diameter exceeding 25 mm but not exceeding 50 mm	kg					*
53	------Of a diameter exceeding 50 mm	kg					
7312.90.00.	-Other		10%	10.2%	35%	6.5%	
10	-----Slings	kg					
90	-----Other	kg					

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 73-14

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
73.13	**Barbed wire of iron or steel; twisted hoop or single flat wire, barbed or not, and loosely twisted double wire, of a kind used for fencing, of iron or steel.**						
7313.00.10.	---Barbed wire		Free	6.8%	20%	Free	
10	-----Galvanized	kg					
20	-----Not galvanized	kg					
7313.00.20.00	---Twisted hoop or single flat wire; loosely twisted double wire	kg	9.2%	9.2%	25%	6%	*
73.14	**Cloth (including endless bands), grill, netting and fencing, of iron or steel wire; expanded metal of iron or steel.**						
	-Woven products						
7314.11.00.00	--Of stainless steel	kg	7.5%	8%	25%	5%	
7314.19	--Other						
7314.19.10.00	---Of a kind used as conveyor belts	kg	7.5%	17.5%	27.5%	7.5%	
7314.19.90.	---Other		7.5%	8%	25%	5%	
10	-----Insect screening	kg					
20	-----Tire cord fabrics	kg					*
90	-----Other	kg					
7314.20.00.	-Grill, netting and fencing, welded at the intersection, of wire with a maximum cross-sectional dimension of 3 mm or more and having a mesh size of 100 cm² or more		10%	10.2%	35%	6.5%	*
10	-----For concrete pipe reinforcement	kg					*
20	-----For other concrete reinforcement	kg					*
90	-----Other	kg					*
7314.30.00.	-Other grill, netting and fencing, welded at the intersection		7.5%	8%	25%	5%	
10	-----Fencing	kg					
	-----Grill						*
21	------For concrete pipe reinforcement	kg					*
22	------For other concrete reinforcement	kg					*
29	------Other	kg					*
30	-----Netting	kg					
	-Other grill, netting and fencing						
7314.41.00.	--Plated or coated with zinc		7.5%	8%	25%	5%	
10	-----Fencing	kg					
20	-----Grill	kg					
30	-----Netting	kg					

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 73-15

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7314.42.00.	--Plastic coated		7.5%	8%	25%	5%	
10	-----Fencing	kg					
20	-----Grill	kg					
30	-----Netting	kg					
7314.49.00.	--Other		7.5%	8%	25%	5%	
10	-----Fencing	kg					
20	-----Grill	kg					
30	-----Netting	kg					
7314.50.00.00	-Expanded metal	kg	10%	10.2%	35%	6.5%	
73.15	**Chain and parts thereof, of iron or steel.**						
	-Articulated link chain and parts thereof						
7315.11.00.	--Roller chain		10.2%	10.2%	25%	6.5%	*
10	-----Offset sidebar	kg					*
90	-----Other	kg					*
7315.12.00.	--Other chain		10.2%	10.2%	25%	6.5%	
10	-----Detachable link	kg					
20	-----Silent chain	kg					
90	-----Other	kg					
7315.19.00.00	--Parts	kg	10.2%	10.2%	25%	6.5%	
7315.20.00.00	-Skid chain	kg	10%	10.2%	35%	6.5%	
	-Other chain						
7315.81.00.00	--Stud-link	kg	10.2%	10.2%	25%	6.5%	
7315.82	--Other, welded link						
7315.82.10.00	---Produced from material of a diameter of 28 mm or more	kg	Free	4%	5%	Free	*
7315.82.20.00	---Produced from material of a diameter of less than 28 mm	kg	10.2%	10.2%	25%	6.5%	*
7315.89	--Other						
7315.89.10.00	---Produced from material of a diameter of 28 mm or more	kg	Free	4%	5%	Free	*
7315.89.20.	---Produced from material of a diameter of less than 28 mm		10.2%	10.2%	25%	6.5%	*
10	-----Bead or ball chain	kg					
20	-----Flat link	kg					
90	-----Other	kg					
7315.90	-Other parts						
7315.90.10.00	---Links produced from material of a diameter of 28 mm or more	kg	Free	4%	5%	Free	*
7315.90.90.00	---Other	kg	10.2%	10.2%	25%	6.5%	

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
73.16	**Anchors, grapnels and parts thereof, of iron or steel.**						
7316.00.10.00	---Of a weight of 18 kg or more	No.	Free	Free	Free	Free	
7316.00.20.00	---Of a weight of less than 18 kg	No.	9.2%	9.2%	25%	6%	
73.17	**Nails, tacks, drawing pins, corrugated nails, staples (other than those of heading No. 83.05) and similar articles, of iron or steel, whether or not with heads of other material, but excluding such articles with heads of copper.**						
	---Cut nails; wire roofing nails; wire nails of a length of 25 mm or more						*
7317.00.11.00	----Cut nails	kg	0.66¢/kg	0.90¢/kg	1.10¢/kg	0.60¢/kg	*
7317.00.19.	----Other		1.76¢/kg	1.76¢/kg	3.31¢/kg	1.17¢/kg	*
10	-----Wire Roofing nails	kg					*
	-----Other wire nails						*
91	------Spiral shank	kg					*
92	------Ringed shank	kg					*
99	------Other shank	kg					*
7317.00.90.	---Other nails, tacks, drawing pins, corrugated nails, staples and similar articles		10.2%	10.2%	35%	6.5%	*
10	-----Spikes	kg					
20	-----Staples	kg					
30	-----Cobblers nails or tacks	kg					
40	-----Drawing pins (thumb tacks)	kg					
90	-----Other	kg					
73.18	**Screws, bolts, nuts, coach-screws, screw hooks, rivets, cotters, cotter-pins, washers (including spring washers) and similar articles, of iron or steel.**						
	-Threaded articles						
7318.11.00.00	--Coach screws . . . .(1987)	-	13.8%	13.8%	30%	9%	
	(1988)		13.1%	13.1%	30%	8.5%	
	(1989)		12.5%	12.5%	30%	8%	
7318.12.00.00	--Other wood screws . . . .(1987)	-	13.8%	13.8%	30%	9%	
	(1988)		13.1%	13.1%	30%	8.5%	
	(1989)		12.5%	12.5%	30%	8%	
7318.13.00.00	--Screw hooks and screw rings . . . .(1987)	-	12%	12%	30%	8%	
	(1988)		11.1%	11.1%	30%	7%	
	(1989)		10.2%	10.2%	30%	6.5%	

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs			
			BP	MFN	Gen	GP
7318.14.00.00	--Self-tapping screws . . . . (1987)	-	12%	12%	30%	8%
	(1988)		11.1%	11.1%	30%	7%
	(1989)		10.2%	10.2%	30%	6.5%
7318.15.00.	--Other screws and bolts, whether or not with their nuts or washers . . . . . (1987)		12%	12%	30%	8%
	(1988)		11.1%	11.1%	30%	7%
	(1989)		10.2%	10.2%	30%	6.5%
	-----Cap screws					
11	------Of a diameter not exceeding 5 mm . . .	-				
12	------Of a diameter exceeding 5 mm	-				
	-----Machine screws					
21	------Sems	-				
29	------Other machine screws	-				
	-----Other screws					
31	------Aircraft	-				
32	------Drywall	-				
33	------Sems	-				
39	------Other	-				
	-----Bolts					
41	------Carriage	-				
42	------Hex head or machine	-				
43	------Plow	-				
44	------Lag	-				
45	------Aircraft	-				
49	------Other	-				
7318.16.00.	--Nuts . . . . (1987)		7.5%	12%	30%	7.5%
	(1988)		7.5%	11.1%	30%	7%
	(1989)		7.5%	10.2%	30%	6.5%
10	-----Lock	-				
20	-----Stop	-				
30	-----Wing	-				
90	-----Other	-				
7318.19.00.00	--Other	-	10.2%	10.2%	30%	6.5%
	-Non-threaded articles					
7318.21.00.00	--Spring washers and other lock washers . . . . (1987)	-	7.5%	12%	30%	7.5%
	(1988)		7.5%	11.1%	30%	7%
	(1989)		7.5%	10.2%	30%	6.5%
7318.22.00.00	--Other washers . . . . (1987)	-	7.5%	12%	30%	7.5%
	(1988)		7.5%	11.1%	30%	7%
	(1989)		7.5%	10.2%	30%	6.5%
7318.23.00.	--Rivets . . . . (1987)		7.5%	12%	30%	7.5%
	(1988)		7.5%	11.1%	30%	7%
	(1989)		7.5%	10.2%	30%	6.5%
10	-----Aircraft	-				
20	-----Blind	-				
90	-----Other	-				
7318.24.00.00	--Cotters and cotter-pins	-	10%	10.2%	35%	6.5%
7318.29.00.00	--Other	-	10%	10.2%	35%	6.5%

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 73-18

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
73.19	**Sewing needles, knitting needles, bodkins, crochet hooks, embroidery stilettos and similar articles, for use in the hand, of iron or steel; safety pins and other pins of iron or steel, not elsewhere specified or included.**						
7319.10.00.00	-Sewing, darning or embroidery needles . . .	-	10%	11.3%	35%	7.5%	
7319.20.00.00	-Safety pins	-	11.3%	11.3%	30%	7.5%	
7319.30	-Other pins						
7319.30.10.00	---Specially designed for marking systems .	-	Free	4%	10%	Free	
7319.30.90.00	---Other	-	11.3%	11.3%	30%	7.5%	
7319.90.00.00	-Other	-	11%	11%	30%	7%	
73.20	**Springs and leaves for springs, of iron or steel.**						
7320.10.00.	-Leaf-springs and leaves therefor		10%	10.2%	35%	6.5%	
10	-----For motor vehicles	-					
90	-----Other	-					
7320.20.00.	-Helical springs		10%	10.2%	35%	6.5%	
10	-----For furniture	-					
20	-----For motor vehicles	-					
90	-----Other	-					
7320.90.00.00	-Other	-	10%	10.2%	35%	6.5%	
73.21	**Stoves, ranges, grates, cookers (including those with subsidiary boilers for central heating), barbecues, braziers, gas-rings, plate warmers and similar non-electric domestic appliances, and parts thereof, of iron or steel.**						
	-Cooking appliances and plate warmers						
7321.11.00.	--For gas fuel or for both gas and other fuels		12.6%	12.6%	30%	8%	*
10	-----Counter top units	No.					
20	-----Built-in ovens	No.					
30	-----Stoves or ranges	No.					
40	-----Grills	No.					
90	-----Other	No.					

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7321.12.00.00	--For liquid fuel	No.	12.6%	12.6%	30%	8%	*
7321.13.00.00	--For solid fuel	No.	12.6%	12.6%	30%	8%	*
	-Other appliances						
7321.81.00.	--For gas fuel or both gas and other fuels .		12.6%	12.6%	30%	8%	*
10	-----Boilers, heating, water or steam, not exceeding 117.2 kw input	No.					*
20	-----Boilers, heating, water or steam, exceeding 117.2 kw but not exceeding 586.1 kw input	No.					*
30	-----Boilers, heating, water or steam, exceeding 586.1 kw input	No.					*
7321.82.00.	--For liquid fuel		12.6%	12.6%	30%	8%	*
10	-----Boilers, heating, water or steam, not exceeding 117.2 kw input	No.					*
20	-----Boilers, heating, water or steam, exceeding 117.2 kw but not exceeding 586.1 kw input	No.					*
30	-----Boilers, heating, water or steam, exceeding 586.1 kw input	No.					*
7321.83.00.	--For solid fuel		12.6%	12.6%	30%	8%	*
10	-----Boilers, heating, water or steam, not exceeding 117.2 kw input	No.					*
20	-----Boilers, heating, water or steam, exceeding 117.2 kw but not exceeding 586.1 kw input	No.					*
30	-----Boilers, heating, water or steam, exceeding 586.1 kw input	No.					*
7321.90	-Parts						*
7321.90.10.00	---Of gas stoves or ranges	No.	13.4%	13.4%	30%	8.5%	*
7321.90.90.00	---Other parts	No.	12.6%	12.6%	30%	8%	*
73.22	**Radiators for central heating, not electrically heated, and parts thereof, of iron or steel; air heaters and hot,air distributors (including distributors which can also distribute fresh or conditioned air), not electrically heated, incorporating a motor-driven fan or blower, and parts thereof, of iron or steel.**						
	-Radiators and parts thereof						
7322.11.00.00	--Of cast iron	No.	11.3%	11.3%	30%	7.5%	
7322.19.00.00	--Other	No.	11.3%	11.3%	30%	7.5%	

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7322.90	-Other						
7322.90.10.00	---Air heaters and parts thereof for orchards	No.	Free	Free	Free	Free	
7322.90.90.	---Other radiators, air heaters and hot air distributors		11.9%	11.9%	30%	7.5%	*
10	-----Hot water or steam heaters and parts thereof	No.					*
	-----Warm air furnaces and parts thereof						*
21	------Gas	No.					
22	------Oil	No.					
28	------Other	No.					
29	------Parts	No.					
	-----Other						
91	------Gas fired unit heaters, including parts	No.					*
99	------Other, including parts	No.					
73.23	**Table, kitchen or other household articles and parts thereof, of iron or steel; iron or steel wool; pot scourers and scouring or polishing pads, gloves and the like, of iron or steel.**						
7323.10.00.	-Iron or steel wool; pot scourers and scouring or polishing pads, gloves and the like		9.9%	9.9%	30%	6.5%	
10	-----Steel wool impregnated with soap	-					
90	-----Other	-					
	-Other						
7323.91.00.00	--Of cast iron, not enamelled	-	10%	10.2%	35%	6.5%	
7323.92.00.00	--Of cast iron, enamelled	-	10.2%	10.2%	35%	6.5%	
7323.93.00.	--Of stainless steel		10%	10.2%	35%	6.5%	
10	-----Cooking utensils	-					
20	-----Trays	-					
30	-----Mixing bowls	-					
40	-----Bread boxes, canisters or cookie jars	-					
90	-----Other	-					
7323.94.00.	--Of iron (other than cast iron) or steel, enamelled		10.2%	10.2%	45%	6.5%	
10	-----Cooking utensils	-					
20	-----Trays	-					
30	-----Bread boxes, canisters or cookie jars	-					
80	-----Other household baskets, boxes and cans	-					*
90	-----Other	-					*
7323.99.00.00	--Other	-	10.2%	10.2%	45%	6.5%	

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
73.24	**Sanitary ware and parts thereof, of iron or steel.**						
7324.10.00.	-Sinks and wash basins, of stainless steel		5%	11.3%	35%	5%	
	-----Sinks						
11	------Kitchen	No.					
19	------Other	No.					
20	-----Wash basins	No.					
	-Baths						
7324.21.00.00	--Of cast iron, whether or not enamelled	No.	5%	11.3%	35%	5%	
7324.29	--Other						
7324.29.10.00	---Stampings and assemblies thereof, for use in the manufacture of baths	No.	Free	6.8%	25%	Free	*
7324.29.90.	---Other baths		5%	11.3%	35%	5%	*
10	-----Stainless steel	No.					*
20	-----Porcelain enamelled steel	No.					*
90	-----Other	No.					*
7324.90	-Other, including parts						
7324.90.10.	---Sinks, wash basins, flush cisterns, bidets and urinals		5%	11.3%	35%	5%	*
	-----Sinks						
11	------Kitchen, porcelain enamelled cast iron	No.					
12	------Kitchen, porcelain enamelled steel	No.					
19	------Other sinks	No.					*
	-----Wash basins						
21	------Porcelain enamelled cast iron	No.					
29	------Other wash basins	No.					*
30	-----Flush cisterns	No.					
40	-----Bidets and urinals	No.					*
7324.90.90.	---Other sanitary ware and parts thereof		10.2%	10.2%	45%	6.5%	*
10	-----Shower cabinets	-					
20	-----Toilets, stainless steel	-					*
30	-----Portable sanitary ware, stainless steel	-					*
90	-----Other	-					
73.25	**Other cast articles of iron or steel.**						
7325.10	-Of non-malleable cast iron						
7325.10.10.00	---In the rough	kg	9.2%	9.2%	27.5%	6%	
7325.10.90.00	---Other	kg	10%	10.2%	35%	6.5%	

TABLE 73.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	-Other						
7325.91.00.	--Grinding balls and similar articles for mills		9.8%	9.8%	30%	6.5%	
10	-----Of cast iron	kg					*
90	-----Other	kg					
7325.99.00.00	--Other cast articles of iron or steel . . .	-	9.4%	9.4%	30%	6%	*
73.26	**Other articles of iron or steel.**						
	-Forged or stamped, but not further worked						
7326.11	--Grinding balls and similar articles for mills						*
7326.11.10.00	---Grinding balls, not exceeding 9.525 mm in diameter, and similar articles, for burnishing	kg	Free	7.5%	25%	Free	*
7326.11.90.00	---Other	kg	10.2%	10.2%	35%	6.5%	*
7326.19.00.	--Other		10.2%	10.2%	35%	6.5%	
	-----Closed die forgings						
11	------Of carbon steel	kg					
19	------Other	kg					
	-----Other forgings						
21	------Of carbon tool steel	kg					
22	------Of high speed steel	kg					
23	------Of mold steel	kg					
26	------Of other alloy tool steel	kg					*
29	------Other	kg					
30	-----Stampings	kg					
7326.20.00.	-Articles of iron or steel wire		10.2%	10.2%	45%	6.5%	
10	-----Lacing for belting	-					
	-----Cages						
21	------For birds	-					
29	------Other	-					
30	-----Fibre steel strapping	-					
90	-----Other	-					
7326.90	-Other						
7326.90.10.00	---Steel stanchions for confining livestock either in pens or individually	-	Free	Free	Free	Free	
7326.90.20.00	---Identification bands for migratory birds	-	Free	Free	Free	Free	
7326.90.30.00	---Pitless well heads and parts thereof . .	-	Free	6.3%	12.5%	Free	*

TABLE 73.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7326.90.90.	---Other articles of iron or steel		10.2%	10.2%	45%	6.5%	*
	-----Material handling equipment						*
11	------Racks	-					
12	------Pallets	-					
13	------Tote boxes	-					
14	------Bins and hoppers	-					
19	------Other material handling equipment . .	-					*
	-----Safety or fire fighting equipment						
21	------Ladders	-					
29	------Other	-					
90	-----Other	-					

CHAPTER 73

APPENDIX

Chapter 73

ARTICLES OF IRON OR STEEL

Notes.

1. In this Chapter the expression "cast iron" applies to products obtained by casting in which iron predominates by weight over each of the other elements and which do not comply with the chemical composition of steel as defined in Note 1 (d) to Chapter 72.

2. In this Chapter the word "wire" means hot or cold-formed products of any cross-sectional shape, of which no cross-sectional dimension exceeds 16mm.

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
73.01		**Sheet piling of iron or steel, whether or not drilled, punched or made from assembled elements; welded angles, shapes and sections, of iron or steel.**					
7301.10		-Sheet piling					
7301.10.10	00	---Not further worked than hot-rolled...	tonne	5%	6.8%	20%	4.5%
7301.10.90	00	---Other................................	tonne	10.2%	10.2%	40%	6.5%
7301.20.00		-Angles, shapes and sections............		10.2%	10.2%	40%	6.5%
	10	-----*Of a height exceeding 635mm*........	tonne				
	20	-----*Of a height not exceeding 635mm*....	tonne				
73.02		**Railway or tramway track construction material of iron or steel, the following: rails, check-rails and rack rails, switch blades, crossing frogs, point rods and other crossing pieces, sleepers (cross-ties), fish-plates, chairs, chair wedges, sole plates (base plates), rail clips, bedplates, ties and other material specialized for jointing or fixing rails.**					
7302.10		-Rails					
7302.10.10	00	---Worn railway rails..................	tonne	Free	Free	Free	Free
7302.10.20		---New railway rails of iron or non-alloy steel....................		5%	6.8%	20%	Free
	10	-----*Of a weight not exceeding 30kg/m*...	kg				
	20	-----*Of a weight exceeding 30kg/m but less than 50kg/m*.................	kg				
	30	-----*Of a weight of 50kg/m or more*......	kg				
7302.10.90		---Other................................		5%	7.8%	20%	Free
	10	-----*Of a weight not exceeding 30kg/m*...	kg				
	20	-----*Of a weight exceeding 30kg/m but less than 50kg/m*.................	kg				
	30	-----*Of a weight of 50kg/m or more*......	kg				
7302.20.00	00	-Sleepers (cross-ties).................	kg	10.2%	10.2%	40%	6.5%
7302.30.00	00	-Switch blades, crossing frogs, point rods and other crossing pieces.........	kg	10.2%	10.2%	30%	6.5%
7302.40.00	00	-Fish-plates and sole plates...........	tonne	$5.51 /tonne	$7.12 /tonne	$8.82 /tonne	$4.74 /tonne
7302.90		-Other					
7302.90.10	00	---Splice bars.........................	tonne	$5.51 /tonne	$7.12 /tonne	$8.82 /tonne	$4.74 /tonne
7302.90.90	00	---Other...............................	kg	10.2%	10.2%	35%	6.5%
73.03							
7303.00		**Tubes, pipes and hollow profiles, of cast iron.**					
7303.00.10	00	---Not finned, threaded or flanged......	kg	7.5%	8%	25%	Free
7303.00.90	00	---Other...............................	kg	10%	10.2%	35%	6.5%
73.04		**Tubes, pipes and hollow profiles, seamless, of iron (other than cast iron) or steel.**					
7304.10.00		-Line pipe of a kind used for oil or gas pipelines.........................		9.2%	9.2%	30%	6%
		-----*Of iron or non-alloy steel:*					
	11	------*Hot-finished*......................	kg				

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7304.10.00 cont'd	12	------*Cold-finished*	kg				
	20	-----*Of alloy steel*	kg				
7304.20		-Casing, tubing and drill pipe, of a kind used in the drilling for oil or gas					
7304.20.10		---Drill pipe		Free	Free	Free	Free
	10	-----*New*	kg				
	20	-----*Used*	kg				
7304.20.90		---Other		5%	6.8%	20%	4.5%
	10	-----*Casing*	kg				
	90	-----*Other*	kg				
		-Other, of circular cross-section, of iron or non-alloy steel:					
7304.31.00		--Cold-drawn or cold-rolled (cold-reduced)		Free	4%	10%	Free
	10	-----*Mechanical tubes or pipes*	kg				
		-----*Pressure tubes or pipes:*					
	21	------*Power boiler*	kg				
	22	------*Other boiler*	kg				
	29	------*Other*	kg				
	90	-----*Other*	kg				
7304.39.00		--Other		10.2%	10.2%	30%	6.5%
	10	-----*Mechanical tubes or pipes*	kg				
		-----*Pressure tubes or pipes:*					
	21	------*Power boiler*	kg				
	22	------*Other boiler*	kg				
	29	------*Other*	kg				
	90	-----*Other*	kg				
		-Other, of circular cross-section, of stainless steel:					
7304.41.00		--Cold-drawn or cold-rolled (cold-reduced)		Free	4.5%	10%	Free
	10	-----*Mechanical tubes or pipes*	kg				
		-----*Pressure tubes or pipes:*					
	21	------*Power boiler*	kg				
	29	------*Other*	kg				
	90	-----*Other*	kg				
7304.49.00		--Other		12.2%	12.2%	30%	8%
	10	-----*Mechanical tubes or pipes*	kg				
		-----*Pressure tubes or pipes:*					
	21	------*Power boiler*	kg				
	29	------*Other*	kg				
	90	-----*Other*	kg				
		-Other, of circular cross-section, of other alloy steel:					
7304.51.00		--Cold-drawn or cold-rolled (cold-reduced)		Free	4.5%	10%	Free
	10	-----*Mechanical tubes or pipes*	kg				
	20	-----*Pressure tubes or pipes*	kg				
	90	-----*Other*	kg				
7304.59.00		--Other		12.2%	12.2%	30%	8%
	10	-----*Mechanical tubes or pipes*	kg				
	20	-----*Pressure tubes or pipes*	kg				
	90	-----*Other*	kg				
7304.90		-Other					
		---Cold-drawn or cold-rolled (cold-reduced):					
7304.90.11	00	----Of iron or non-alloy steel	kg	Free	4%	10%	Free
7304.90.12	00	----Of alloy steel	kg	Free	4.5%	10%	Free
7304.90.90		---Other		12.2%	12.2%	30%	8%
	10	-----*Mechanical tubes or pipes*	kg				
	90	-----*Other*	kg				

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
73.05		**Other tubes and pipes (for example, welded, riveted or similarly closed), having internal and external circular cross-sections, the external diameter of which exceeds 406.4mm, of iron or steel.**					
		-Line pipe of a kind used for oil or gas pipelines :					
7305.11.00		--Longitudinally submerged arc welded...		9.2%	9.2%	30%	6%
	10	-----*Of iron or non-alloy steel*.........	kg				
	20	-----*Of alloy steel*.....................	kg				
7305.12.00	00	--Other, longitudinally welded..........	kg	9.2%	9.2%	30%	6%
7305.19.00	00	--Other.................................	kg	9.2%	9.2%	30%	6%
7305.20.00	00	-Casing of a kind used in the drilling for oil or gas..........................	kg	5%	6.8%	20%	4.5%
		-Other, welded:					
7305.31		--Longitudinally welded					
7305.31.10		---Of iron or non-alloy steel...........		10.2%	10.2%	30%	6.5%
	10	-----*Mechanical tubes or pipes*..........	kg				
	20	-----*Pressure tubes or pipes*............	kg				
	90	-----*Other*..............................	kg				
7305.31.20		---Of alloy steel		12.2%	12.2%	30%	8%
		-----*Of stainless steel:*					
	11	------*Mechanical tubes or pipes*.........	kg				
	12	------*Pressure tubes or pipes*...........	kg				
	19	------*Other*.............................	kg				
		-----*Of alloy steel other than stainless steel:*					
	21	------*Mechanical tubes or pipes*.........	kg				
	22	------*Pressure tubes or pipes*...........	kg				
	29	------*Other*.............................	kg				
7305.39		--Other					
7305.39.10	00	---Of iron or non-alloy steel...........	kg	10.2%	10.2%	30%	6.5%
7305.39.20	00	---Of alloy steel.......................	kg	12.2%	12.2%	30%	8%
7305.90		-Other					
7305.90.10	00	---Of iron or non-alloy steel...........	kg	10.2%	10.2%	30%	6.5%
7305.90.20	00	---Of alloy steel.......................	kg	12.2%	12.2%	30%	8%
73.06		**Other tubes, pipes and hollow profiles (for example, open seam or welded, riveted or similarly closed), of iron or steel.**					
7306.10		-Line pipe of a kind used for oil or gas pipelines					
7306.10.10		---Of a diameter exceeding 265mm........		9.2%	9.2%	30%	6%
	10	-----*Of iron or non-alloy steel*.........	kg				
	20	-----*Of alloy steel*.....................	kg				
		---Of a diameter not exceeding 265mm:					
7306.10.21	00	----Of iron or non-alloy steel..........	kg	10.2%	10.2%	30%	6.5%
7306.10.22	00	----Of alloy steel......................	kg	12.2%	12.2%	30%	8%
7306.20.00		-Casing and tubing of a kind used in the drilling for oil or gas............		5%	6.8%	20%	4.5%
	10	-----*Casing*.............................	kg				
	90	-----*Other*..............................	kg				
7306.30.00		-Other, welded, of circular cross-section, of iron or non-alloy steel.................................		10.2%	10.2%	30%	6.5%
		-----*Of a diameter exceeding 115mm:*					
	11	------*Pressure tubes or pipes*...........	kg				
	19	------*Other*.............................	kg				
		-----*Of a diameter not exceeding 115mm:*					
	21	------*Pressure tubes or pipes*...........	kg				
	29	------*Other*.............................	kg				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7306.40.00		-Other, welded, of circular cross-section, of stainless steel		12.2%	12.2%	30%	8%
	10	*-----Pressure tubes or pipes*	kg				
	90	*-----Other*	kg				
7306.50.00		-Other, welded, of circular cross-section, of other alloy steel		12.2%	12.2%	30%	8%
	10	*-----Pressure tubes or pipes*	kg				
	90	*-----Other*	kg				
7306.60		-Other, welded, of non-circular cross-section					
7306.60.10	00	---Of iron or non-alloy steel	kg	10.2%	10.2%	30%	6.5%
7306.60.20	00	---Of alloy steel	kg	12.2%	12.2%	30%	8%
7306.90		-Other					
7306.90.10	00	---Of iron or non-alloy steel	kg	10.2%	10.2%	30%	6.5%
7306.90.20	00	---Of alloy steel	kg	12.2%	12.2%	30%	8%
73.07		**Tube or pipe fittings (for example, couplings, elbows, sleeves), of iron or steel.**					
		-Cast fittings:					
7307.11.00	00	--Of non-malleable cast iron	-	10.2%	10.2%	30%	6.5%
7307.19.00	00	--Other	-	10.2%	10.2%	30%	6.5%
		-Other, of stainless steel:					
7307.21		--Flanges					
7307.21.10	00	---Not further worked than forged or bent to shape, whether or not deburred or descaled	-	Free	6.8%	25%	Free
7307.21.90	00	---Other	-	12.2%	12.2%	30%	8%
7307.22.00	00	--Threaded elbows, bends and sleeves	-	12.2%	12.2%	30%	8%
7307.23.00	00	--Butt welding fittings	-	12.2%	12.2%	30%	8%
7307.29		--Other					
7307.29.10	00	---Not further worked than forged or bent to shape, whether or not deburred or descaled	-	Free	6.8%	25%	Free
7307.29.90	00	---Other	-	12.2%	12.2%	30%	8%
		-Other:					
7307.91		--Flanges					
7307.91.10	00	---Not further worked than forged or bent to shape, whether or not deburred or descaled	-	Free	6.8%	25%	Free
		---Other:					
7307.91.91	00	----Of iron or non-alloy steel	-	10.2%	10.2%	30%	6.5%
7307.91.92	00	----Of alloy steel other than stainless steel	-	12.2%	12.2%	30%	8%
7307.92		--Threaded elbows, bends and sleeves					
7307.92.10	00	---Of iron or non-alloy steel	-	10.2%	10.2%	30%	6.5%
7307.92.20	00	---Of alloy steel other than stainless steel	-	12.2%	12.2%	30%	8%
7307.93		--Butt welding fittings					
7307.93.10	00	---Of iron or non-alloy steel	-	10.2%	10.2%	30%	6.5%
7307.93.20	00	---Of alloy steel other than stainless steel	-	12.2%	12.2%	30%	8%
7307.99		--Other					
7307.99.10	00	---Not further worked than forged or bent to shape, whether or not deburred or descaled	-	Free	6.8%	25%	Free
		---Other:					
7307.99.91	00	----Of iron or non-alloy steel	-	10.2%	10.2%	30%	6.5%
7307.99.92	00	----Of alloy steel other than stainless steel	-	12.2%	12.2%	30%	8%

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
73.08		**Structures (excluding prefabricated buildings of heading No. 94.06) and parts of structures (for example, bridges and bridge-sections, lock-gates, towers, lattice masts, roofs, roofing frameworks, doors and windows and their frames and thresholds for doors, shutters, balustrades, pillars and columns), of iron or steel; plates, rods, angles, shapes, sections, tubes and the like, prepared for use in structures, of iron or steel.**					
7308.10.00	00	-Bridges and bridge-sections	-	10%	10.2%	35%	6.5%
7308.20.00		-Towers and lattice masts		10%	10.2%	35%	6.5%
	10	-----*Transmission towers*	-				
	90	-----*Other*	-				
7308.30		-Doors, windows and their frames and thresholds for doors					
7308.30.10	00	---Sash, casement or frame sections, not punched, drilled nor further worked, when imported by manufacturers of metal window sash, casements or frames for use in the manufacture of such articles, in their own factories	tonne	Free	$6.94 /tonne	$7.22 /tonne	Free
7308.30.90		---Other		10%	10.2%	35%	6.5%
		-----*Doors and their frames:*					
	11	------*Sliding*	No				
	12	------*Domestic garage*	No				
	13	------*Roll-up*	No				
	19	------*Other*	No				
	20	-----*Windows and their frames*	No				
	30	-----*Thresholds for doors*	No				
7308.40		-Props and similar equipment for scaffolding, shuttering or pit-propping					
7308.40.10	00	---Roof and wall support systems for mines, including yielding props, chocks, roof-bars and chock release apparatus	No	Free	Free	Free	Free
7308.40.90	00	---Other	No	10%	10.2%	35%	6.5%
7308.90		-Other					
7308.90.10	00	---Silage caps	-	Free	Free	Free	Free
7308.90.20	00	---Fabricated building components for the construction or repair of silos for storing ensilage	-	6.8%	6.8%	25%	4.5%
7308.90.90		---Other		10.2%	10.2%	30%	6.5%
	10	-----*Ceilings, including frames for suspended ceilings*	-				
	20	-----*Partitions*	-				
	30	-----*Flooring*	-				
	40	-----*Roofing*	-				
	50	-----*Siding, including soffit or fascia*	-				
	60	-----*Panels or other separately imported parts of portable/prefabricated buildings*	-				
	70	-----*Assembled fence, including barriers or crossing gates*	-				
		-----*Other:*					
	91	------*Livestock pens or stalls*	-				
	92	------*Staircases*	-				
	93	------*Roof decks or balconies*	-				
	94	------*Moulding or trim*	-				
	95	------*Grills, air diffusers or ducts*	-				
	99	------*Other*	-				

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
73.09							
7309.00		**Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 litres, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment.**					
7309.00.10	00	---Dairy vats	-	Free	Free	35%	Free
7309.00.20	00	---Tanks for the storage of animal excreta	-	6.8%	6.8%	25%	4.5%
7309.00.30	00	---Bolted steel tanks for use up to the field marketing valve in connection with oil or natural gas wells	-	Free	Free	Free	Free
7309.00.90		---Other		8%	8%	35%	5%
	10	-----*Vacuum or pressure tanks*	-				
	20	-----*Hot water storage tanks*	-				
	30	-----*Septic tanks*	-				
	90	-----*Other*	-				
73.10		**Tanks, casks, drums, cans, boxes and similar containers, for any material (other than compressed or liquefied gas), of iron or steel, of a capacity not exceeding 300 litres, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment.**					
7310.10		-Of a capacity of 50 litres or more					
7310.10.10		---Tanks or drums		8%	8%	35%	5%
		-----*Tanks:*					
	11	------*Pressure or vacuum*	-				
	19	------*Other*	-				
		-----*Drums:*					
	21	------*One-trip shippers*	-				
	29	------*Other*	-				
7310.10.90		---Other		10.2%	10.2%	35%	6.5%
	10	-----*Cans*	-				
	90	-----*Other*	-				
		-Of a capacity of less than 50 litres:					
7310.21.00		--Cans which are to be closed by soldering or crimping		10.2%	10.2%	35%	6.5%
	10	-----*For food*	-				
	90	-----*Other*	-				
7310.29		--Other					
7310.29.10		---Tanks or drums		8%	8%	35%	5%
	10	-----*One-trip shippers*	-				
	90	-----*Other*	-				
		---Other:					
7310.29.91	00	----Cryogenic containers for use in the shipment or storage of vaccines for poultry	-	Free	Free	25%	Free
7310.29.99		----Other		10.2%	10.2%	35%	6.5%
	10	-----*Cans*	-				
	90	-----*Other*	-				
73.11							
7311.00.00		**Containers for compressed or liquefied gas, of iron or steel**		10%	10.2%	35%	6.5%
	10	-----*For torches*	-				
	20	-----*Scuba tanks*	-				
	30	-----*One-trip shippers*	-				
	90	-----*Other*	-				

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
73.12		**Stranded wire, ropes, cables, plaited bands, slings and the like, of iron or steel, not electrically insulated.**					
7312.10		-Stranded wire, ropes and cables					
7312.10.10	00	---Rope or cable, for use in commercial fishing operations	kg	Free	6.8%	25%	Free
7312.10.20		---Rope or cable, not to be used for guy ropes or in braking logs going down grade, for use exclusively in the operation of logging, such operation to include removal of the log from stump to skidway, log dump, or common or other carrier		8%	8%	20%	5%
	10	*-----Of a diameter not exceeding 25mm*	kg				
	20	*-----Of a diameter exceeding 25mm but not more than 50mm*	kg				
	30	*-----Of a diameter exceeding 50mm*	kg				
7312.10.30	00	---Of a kind used as transmission belting	kg	7.5%	17.5%	27.5%	7.5%
7312.10.90		---Other		9.2%	9.2%	25%	6%
		-----Reinforced strand, not alloyed:					
	11	*------Of a diameter not exceeding 5mm*	kg				
	12	*------Of a diameter exceeding 5mm*	kg				
		-----Other strand, not alloyed:					
	21	*------Of a diameter not exceeding 5mm*	kg				
	22	*------Of a diameter exceeding 5mm*	kg				
		-----Other alloyed strand:					
	31	*------Of a diameter not exceeding 5mm*	kg				
	32	*------Of a diameter exceeding 5mm*	kg				
		-----Rope or cable, eight strand or under:					
	41	*------Of a diameter not exceeding 25mm*	kg				
	42	*------Of a diameter exceeding 25mm but not more than 50mm*	kg				
	43	*------Of a diameter exceeding 50mm*	kg				
		-----Rope or cable, over eight strand:					
	51	*------Of a diameter not exceeding 25mm*	kg				
	52	*------Of a diameter exceeding 25mm but not more than 50mm*	kg				
	53	*------Of a diameter exceeding 50mm*	kg				
7312.90.00		-Other		10%	10.2%	35%	6.5%
	10	*-----Slings*	kg				
	90	*-----Other*	kg				
73.13							
7313.00		**Barbed wire of iron or steel; twisted hoop or single flat wire, barbed or not, and loosely twisted double wire, of a kind used for fencing, of iron or steel.**					
7313.00.10		---Barbed wire		Free	6.8%	20%	Free
	10	*-----Galvanized*	kg				
	20	*-----Not galvanized*	kg				
7313.00.90	00	---Other	kg	9.2%	9.2%	25%	6%
73.14		**Cloth (including endless bands), grill, netting and fencing, of iron or steel wire; expanded metal of iron or steel.**					
		-Woven products:					
7314.11.00	00	--Of stainless steel	kg	7.5%	8%	25%	5%
7314.19		--Other					
7314.19.10	00	---Of a kind used as conveyor belts	kg	7.5%	17.5%	27.5%	7.5%

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7314.19.90		---Other		7.5%	8%	25%	5%
	10	-----*Insect screening*	kg				
	20	-----*Tire cord fabric or plies*	kg				
	90	-----*Other*	kg				
7314.20.00	00	-Grill, netting and fencing, welded at the intersection, of wire with a maximum cross-sectional dimension of 3mm or more and having a mesh size of 100cm² or more	kg	10%	10.2%	35%	6.5%
7314.30.00		-Other grill, netting and fencing, welded at the intersection		7.5%	8%	25%	5%
	10	-----*Fencing*	kg				
	20	-----*Grill*	kg				
	30	-----*Netting*	kg				
		-Other grill, netting and fencing:					
7314.41.00		--Plated or coated with zinc		7.5%	8%	25%	5%
	10	-----*Fencing*	kg				
	20	-----*Grill*	kg				
	30	-----*Netting*	kg				
7314.42.00		--Plastic coated		7.5%	8%	25%	5%
	10	-----*Fencing*	kg				
	20	-----*Grill*	kg				
	30	-----*Netting*	kg				
7314.49.00		--Other		7.5%	8%	25%	5%
	10	-----*Fencing*	kg				
	20	-----*Grill*	kg				
	30	-----*Netting*	kg				
7314.50.00	00	-Expanded metal	kg	10%	10.2%	35%	6.5%
73.15		**Chain and parts thereof, of iron or steel.**					
		-Articulated link chain and parts thereof:					
7315.11		--Roller chain					
7315.11.10	00	---Power transmission, conveyor or offset sidebar type roller chain used in the exploration, discovery, development, maintenance, testing, depletion or production of oil or natural gas wells or potash or rock salt deposits	kg	Free	Free	Free	Free
7315.11.90		---Other		10.2%	10.2%	25%	6.5%
	10	-----*Offset sidebar*	kg				
	90	-----*Other*	kg				
7315.12.00		--Other chain		10.2%	10.2%	25%	6.5%
	10	-----*Detachable link*	kg				
	20	-----*Silent chain*	kg				
	90	-----*Other*	kg				
7315.19.00	00	--Parts	kg	10.2%	10.2%	25%	6.5%
7315.20.00	00	-Skid chain	kg	10%	10.2%	35%	6.5%
		-Other chain:					
7315.81.00	00	--Stud-link	kg	10.2%	10.2%	25%	6.5%
7315.82		--Other, welded link					
7315.82.10	00	---Produced from material having a diameter of 28mm or more	kg	Free	4%	5%	Free
7315.82.20	00	---Produced from material having a diameter of less than 28mm	kg	10.2%	10.2%	25%	6.5%
7315.89		--Other					
7315.89.10	00	---Produced from material having a diameter of 28mm or more	kg	Free	4%	5%	Free

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7315.89.20		---Produced from material having a diameter of less than 28mm		10.2%	10.2%	25%	6.5%
	10	-----*Bead or ball chain*	kg				
	20	-----*Flat link*	kg				
	90	-----*Other*	kg				
7315.90		-Other parts					
7315.90.10	00	---Links, produced from material having a diameter of 28mm or more	kg	Free	4%	5%	Free
7315.90.90	00	---Other	kg	10.2%	10.2%	25%	6.5%
73.16							
7316.00		**Anchors, grapnels and parts thereof, of iron or steel.**					
7316.00.10	00	---Of a weight of 18kg or more	No	Free	Free	Free	Free
7316.00.20	00	---Of a weight of less than 18kg	No	9.2%	9.2%	25%	6%
73.17							
7317.00		**Nails, tacks, drawing pins, corrugated nails, staples (other than those of heading No. 83.05) and similar articles, of iron or steel, whether or not with heads of other material, but excluding such articles with heads of copper.**					
7317.00.10		---Cut nails; wire roofing nails; wire nails of a length of 25mm or more		1.76¢/kg	1.76¢/kg	3.31¢/kg	1.17¢/kg
	10	-----*Cut nails*	kg				
	20	-----*Roofing nails*	kg				
		-----*Other nails:*					
	91	------*Smooth shank*	kg				
	92	------*Spiral shank*	kg				
	93	------*Ringed shank*	kg				
	99	------*Other*	kg				
7317.00.90		---Other		10.2%	10.2%	35%	6.5%
	10	-----*Spikes*	kg				
	20	-----*Staples*	kg				
	30	-----*Cobblers nails or tacks*	kg				
	40	-----*Drawing pins (thumb tacks)*	kg				
	90	-----*Other*	kg				
73.18		**Screws, bolts, nuts, coach-screws, screw hooks, rivets, cotters, cotter-pins, washers (including spring washers) and similar articles, of iron or steel.**					
		-Threaded articles:					
7318.11.00	00	--Coach screws	-	13.8%(87 13.1%(88 12.5%(89	13.8%(87 13.1%(88 12.5%(89	30%(87) 30%(88) 30%(89)	9%(87) 8.5%(88) 8%(89)
7318.12.00	00	--Other wood screws	-	13.8%(87 13.1%(88 12.5%(89	13.8%(87 13.1%(88 12.5%(89	30%(87) 30%(88) 30%(89)	9%(87) 8.5%(88) 8%(89)
7318.13.00	00	--Screw hooks and screw rings	-	12%(87) 11.1%(88 10.2%(89	12%(87) 11.1%(88 10.2%(89	30%(87) 30%(88) 30%(89)	8%(87) 7%(88) 6.5%(89)
7318.14.00	00	--Self-tapping screws	-	12%(87) 11.1%(88 10.2%(89	12%(87) 11.1%(88 10.2%(89	30%(87) 30%(88) 30%(89)	8%(87) 7%(88) 6.5%(89)
7318.15.00		--Other screws and bolts, whether or not with their nuts or washers		12%(87) 11.1%(88 10.2%(89	12%(87) 11.1%(88 10.2%(89	30%(87) 30%(88) 30%(89)	8%(87) 7%(88) 6.5%(89)
		-----*Cap screws:*					
	11	------*Of a diameter not exceeding 5mm*	-				

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7318.15.00 cont'd	12	------*Of a diameter exceeding 5mm*	-				
		-----*Machine screws:*					
	21	------*Sems*	-				
	29	------*Other*	-				
		-----*Other screws:*					
	31	------*Aircraft*	-				
	32	------*Drywall*	-				
	33	------*Sems*	-				
	39	------*Other*	-				
		-----*Bolts:*					
	41	------*Carriage*	-				
	42	------*Hex head or machine*	-				
	43	------*Plow*	-				
	44	------*Lag*	-				
	45	------*Aircraft*	-				
	49	------*Other*	-				
7318.16.00		--Nuts		7.5%(87) 7.5%(88) 7.5%(89)	12%(87) 11.1%(88 10.2%(89	30%(87) 30%(88) 30%(89)	7.5%(87) 7%(88) 6.5%(89)
	10	-----*Lock*	-				
	20	-----*Stop*	-				
	30	-----*Wing*	-				
	90	-----*Other*	-				
7318.19.00	00	--Other	-	10.2%	10.2%	30%	6.5%
		-Non-threaded articles:					
7318.21.00	00	--Spring washers and other lock washers	-	7.5%(87) 7.5%(88) 7.5%(89)	12%(87) 11.1%(88 10.2%(89	30%(87) 30%(88) 30%(89)	7.5%(87) 7%(88) 6.5%(89)
7318.22.00	00	--Other washers	-	7.5%(87) 7.5%(88) 7.5%(89)	12%(87) 11.1%(88 10.2%(89	30%(87) 30%(88) 30%(89)	7.5%(87) 7%(88) 6.5%(89)
7318.23.00		--Rivets		7.5%(87) 7.5%(88) 7.5%(89)	12%(87) 11.1%(88 10.2%(89	30%(87) 30%(88) 30%(89)	7.5%(87) 7%(88) 6.5%(89)
	10	-----*Aircraft*	-				
	20	-----*Blind*	-				
	90	-----*Other*	-				
7318.24.00	00	--Cotters and cotter-pins	-	10%	10.2%	35%	6.5%
7318.29.00	00	--Other	-	10%	10.2%	35%	6.5%
73.19		**Sewing needles, knitting needles, bodkins, crochet hooks, embroidery stilettos and similar articles, for use in the hand, of iron or steel; safety pins and other pins of iron or steel, not elsewhere specified or included.**					
7319.10.00	00	-Sewing, darning or embroidery needles	-	10%	11.3%	35%	7.5%
7319.20.00	00	-Safety pins	-	11.3%	11.3%	30%	7.5%
7319.30		-Other pins					
7319.30.10	00	---Specially designed for marking systems	-	Free	4%	10%	Free
7319.30.90	00	---Other	-	11.3%	11.3%	30%	7.5%
7319.90.00	00	-Other	-	11%	11%	30%	7%
73.20		**Springs and leaves for springs, of iron or steel.**					
7320.10.00		-Leaf-springs and leaves therefor		10%	10.2%	35%	6.5%
	10	-----*For motor vehicles*	-				
	90	-----*Other*	-				

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7320.20.00		-Helical springs		10%	10.2%	35%	6.5%
	10	-----*For furniture*	-				
	20	-----*For motor vehicles*	-				
	90	-----*Other*	-				
7320.90.00	00	-Other	-	10%	10.2%	35%	6.5%
73.21		**Stoves, ranges, grates, cookers (including those with subsidiary boilers for central heating), barbecues, braziers, gas-rings, plate warmers and similar non-electric domestic appliances, and parts thereof, of iron or steel.**					
		-Cooking appliances and plate warmers:					
7321.11.00		--For gas fuel or for both gas and other fuels		12.5%	12.5%	30%	8%
	10	-----*Counter top units*	No				
	20	-----*Built-in ovens*	No				
	30	-----*Stoves or ranges*	No				
	40	-----*Grills*	No				
	90	-----*Other*	No				
7321.12.00	00	--For liquid fuel	No	12.5%	12.5%	30%	8%
7321.13.00	00	--For solid fuel	No	12.5%	12.5%	30%	8%
		-Other appliances:					
7321.81.00	00	--For gas fuel or both gas and other fuels	No	12.5%	12.5%	30%	8%
7321.82.00	00	--For liquid fuel	No	12.5%	12.5%	30%	8%
7321.83.00	00	--For solid fuel	No	12.5%	12.5%	30%	8%
7321.90.00	00	-Parts	No	12.5%	12.5%	30%	8%
73.22		**Radiators for central heating, not electrically heated, and parts thereof, of iron or steel; air heaters and hot air distributors (including distributors which can also distribute fresh or conditioned air), not electrically heated, incorporating a motor-driven fan or blower, and parts thereof, of iron or steel.**					
		-Radiators and parts thereof:					
7322.11.00	00	--Of cast iron	No	11.3%	11.3%	30%	7.5%
7322.19.00	00	--Other	No	11.3%	11.3%	30%	7.5%
7322.90		-Other					
7322.90.10	00	---Air heaters and parts thereof for orchards	No	Free	Free	Free	Free
7322.90.90		---Other		11.9%	11.9%	30%	7.5%
	10	-----*Hot water or steam heaters, including parts*	No				
		-----*Warm air furnaces:*					
	21	------*Gas*	No				
	22	------*Oil*	No				
	28	------*Other*	No				
	29	------*Parts*	No				
		-----*Other:*					
	91	------*Gas fired unit heaters*	No				
	99	------*Other, including parts*	No				
73.23		**Table, kitchen or other household articles and parts thereof, of iron or steel; iron or steel wool; pot scourers and scouring or polishing pads, gloves and the like, of iron or steel.**					

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Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7323.10.00		-Iron or steel wool; pot scourers and scouring or polishing pads, gloves and the like		9.9%	9.9%	30%	6.5%
	10	-----*Steel wool impregnated with soap*	-				
	90	-----*Other*	-				
		-Other:					
7323.91.00	00	--Of cast iron, not enamelled	-	10%	10.2%	35%	6.5%
7323.92.00	00	--Of cast iron, enamelled	-	10.2%	10.2%	35%	6.5%
7323.93.00		--Of stainless steel		10%	10.2%	35%	6.5%
	10	-----*Cooking utensils*	-				
	20	-----*Trays*	-				
	30	-----*Mixing bowls*	-				
	40	-----*Bread boxes, canisters or cookie jars*	-				
	90	-----*Other*	-				
7323.94.00		--Of iron (other than cast iron) or steel, enamelled		10.2%	10.2%	45%	6.5%
	10	-----*Cooking utensils*	-				
	20	-----*Trays*	-				
	30	-----*Bread boxes, canisters or cookie jars*	-				
		-----*Other:*					
	91	------*Household baskets, boxes or cans*	-				
	99	------*Other*	-				
7323.99.00	00	--Other	-	10.2%	10.2%	45%	6.5%
73.24		**Sanitary ware and parts thereof, of iron or steel.**					
7324.10.00		-Sinks and wash basins, of stainless steel		5%	11.3%	35%	5%
		-----*Sinks:*					
	11	------*Kitchen*	No				
	19	------*Other*	No				
	20	-----*Wash basins*	No				
		-Baths:					
7324.21.00	00	--Of cast iron, whether or not enamelled	No	5%	11.3%	35%	5%
7324.29		--Other					
7324.29.10	00	---Stampings, or assemblies thereof, for use in the manufacture of bath tubs	No	Free	6.8%	25%	Free
7324.29.90	00	---Other	No	5%	11.3%	35%	5%
7324.90		-Other, including parts					
7324.90.10		---Sinks, wash basins, flush cisterns, bidets or urinals		5%	11.3%	35%	5%
		-----*Sinks:*					
	11	------*Kitchen, porcelain enamelled cast iron*	No				
	12	------*Kitchen, porcelain enamelled steel*	No				
	19	------*Other*	No				
		-----*Wash basins:*					
	21	------*Porcelain enamelled cast iron*	No				
	29	------*Other*	No				
	30	-----*Flush cisterns*	No				
	90	-----*Other*	No				
7324.90.90		---Other		10.2%	10.2%	45%	6.5%
	10	-----*Shower cabinets*	-				
	90	-----*Other*	-				
73.25		**Other cast articles of iron or steel.**					
7325.10		-Of non-malleable cast iron					
7325.10.10	00	---In the rough	kg	9.2%	9.2%	27.5%	6%
7325.10.90	00	---Other	kg	10%	10.2%	35%	6.5%
		-Other:					

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7325.91.00		--Grinding balls and similar articles for mills		9.8%	9.8%	30%	6.5%
	10	-----*Cast iron*	kg				
	90	-----*Other*	kg				
7325.99		--Other					
7325.99.10	00	---Flanged casing heads; screwed casing heads for surface casings exceeding 273mm in outside diameter, or rated for service in working pressures exceeding 14MPa W.O.G. (water, oil, gas); all the foregoing for use in the exploration, discovery, development, maintenance, testing, depletion or production of oil or natural gas wells or potash or rock salt deposits	-	Free	Free	Free	Free
7325.99.90	00	---Other	-	9.8%	9.8%	30%	6.5%
73.26		**Other articles of iron or steel.**					
		-Forged or stamped, but not further worked:					
7326.11.00	00	--Grinding balls and similar articles for mills	kg	10.2%	10.2%	35%	6.5%
7326.19.00		--Other		10.2%	10.2%	35%	6.5%
		-----*Closed die forgings:*					
	11	------*Of carbon steel*	kg				
	19	------*Other*	kg				
		-----*Other forgings:*					
	21	------*Of carbon tool steel*	kg				
	22	------*Of high speed steel*	kg				
	23	------*Of mold steel*	kg				
	24	------*Of alloy tool steel*	kg				
	29	------*Other*	kg				
	30	-----*Stampings*	kg				
7326.20.00		-Articles of iron or steel wire		10.2%	10.2%	45%	6.5%
	10	-----*Lacing for belting*	-				
		-----*Cages:*					
	21	------*For birds*	-				
	29	------*Other*	-				
	30	-----*Fibre steel strapping*	-				
	90	-----*Other*	-				
7326.90		-Other					
7326.90.10	00	---Steel stanchions for confining livestock either in pens or individually	-	Free	Free	Free	Free
7326.90.20	00	---Identification bands for migratory birds	-	Free	Free	Free	Free
7326.90.30	00	---Flanged casing heads; screwed casing heads for surface casings exceeding 273mm in outside diameter, or rated for service in working pressures exceeding 14MPa W.O.G. (water, oil, gas); all the foregoing for use in the exploration, discovery, development, maintenance, testing, depletion or production of oil or natural gas wells or potash or rock salt deposits	-	Free	Free	Free	Free
7326.90.40	00	---Pitless well heads and parts thereof	-	Free	6.3%	12.5%	5.5%
7326.90.90		---Other		10.2%	10.2%	45%	6.5%
		-----*Materials handling equipment:*					
	11	------*Racks*	-				
	12	------*Pallets*	-				
	13	------*Tote boxes*	-				
	14	------*Bins and hoppers*	-				
	19	------*Other*	-				
		-----*Safety or fire fighting equipment:*					

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Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7326.90.90 cont'd							
	21	------*Ladders*............................	-				
	29	------*Other*..............................	-				
	90	-----*Other*...............................	-				

CHAPTER 74

Copper and Articles Thereof

A. Introduction

Proposed Chapter 74 incorporates, in whole or in part, 78 items of the Customs Tariff, as listed below:

17900-1	Labels ... shipping, price or other tags, tickets or labels ...
20800-1	Argols; arsenic sulphides ... copper, crude precipitate of ...
28900-1	Baths, bathtubs, basins ... of earthenware, stone ... n.o.p.
*34200-2	Phosphor copper and phosphor bronze in blocks, bars, plates ...
*34205-1	Copper alloys containing boron, for use ... as a flux ...
34705-1	Materials ... (in manufacturing compounds of tungsten carbide)
34800-1	Copper scrap ... copper in pigs ... cathode plates ... for melting
*34815-1	Brass scrap and brass in blocks, ingots or pigs ...
*34820-1	Copper in bars or in rods ... (in manufacturing wire and cables)
*34825-1	Brass or copper tubing...coated with metal, and not polished, bent...
34835-1	Electrolytic copper powder ... (in Canadian manufactures)
34840-1	Scrap of copper or brass ... (in Canadian manufactures)
*34845-1	Electrolytic copper wire bars (in Canadian manufactures)
*34850-1	Copper ... piercing billets ... for pipes or tubes
*34900-1	Brass in bars and rods, in coil ... in strips ...
*34903-1	Copper chromium alloy billets ... for use in Canadian manufactures
34905-1	Alloys of copper, n.o.p. ... namely: sheets, plates ...
*34907-1	Copper beryllium alloys, namely: ingots, sheets ...
*34908-1	Alloy copper bars ... for ... welding electrodes ...
	Metals, n.o.p., not including alloys, in lumps, powders ...:
35101-1	Other than the following (see 35102-1 to 35106-1)
35200-1	Brass and copper nails ... bells ... brass or copper, n.o.p.
*35200-2	Copper or copper alloy angles, shapes, sections ... n.o.p.
35215-1	Screws of brass, copper or other metal, n.o.p.
*35235-1	... bronze shells ... not made ... for paper-making machinery
*35250-1	Brass couplings ... for use in ... garden or lawn hose
35525-1	Thermostatic metals ... for use in Canadian manufactures
35530-1	Metal alloy ingots ... for use in Canadian manufactures
35600-1	Britannia metal ... nickel silver ... in ingots or blocks, n.o.p.
*35605-1	Nickel silver and German silver in bars, rods, strips ...
35700-1	Britannia metal, nickel silver ... not plated, n.o.p.
35800-1	Anodes of nickel, zinc, copper, silver or gold
36100-1	Gold and silver leaf ... brocade and bronze powders
36215-1	Nickel-plated ware, gilt or electro-plated ware, n.o.p.
36510-1	Wire or strip...brass or nickel silver...for use in...jewellery...
	Wire of all metals or alloys thereof, n.o.p.:
	Single, not coated or covered:
40121-1	Copper and nickel
40122-1	Single, coated or covered
40123-1	Twisted, braided, bunched ... cables rope and strand

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* Indicates that goods under the present tariff item are classified only to this Chapter.

*40130-1	Wire cloth or woven wire ... of copper or alloys of copper
*40135-1	Copper wire ... for use in ... coaxial cable
*40136-1	Copper wire ... for use in ... railway locomotives ...
*40150-1	Unplated nickel silver wire ... (spectacle and eyeglass frames)
40160-1	Silver-plated ... wire ... for insulated high temperature wire ...
40956-1	Axles, belts ... for use with ... (agricultural machinery)
40958-1	Articles and materials ... used in the processing ... animal semen
*43851-1	Brass or bronze sheet ... (in manufacturing split-type bushings)
43877-1	Materials ... for use in the manufacture of (motor vehicles) ...
44022-1	Manufactures of iron, brass ... not made ... (for ships, vessels)
44059-1	Parts ... not made ... for use in aircraft ...
44062-1	Parts ... for use in civil aircraft
44110-1	Materials or parts ... (for use in manufacturing rifles)
44200-1	Articles ... for use in agricultural machinery ...
44205-1	Materials ... not made ... for use in machinery ...
44300-2	Apparatus for cooking, designed for household use ...
44300-3	Apparatus for heating buildings, designed for household use ...
*44501-1	Banding ... material ... (in manufacturing lamps and light fixtures)
44541-1	(Articles ... in manufacturing loudspeakers)
44544-1	Transistors and other semiconductor devices; parts thereof
44550-1	(Articles ... in manufacturing radios, TV apparatus, record players)
44585-1	Parts ... (in manufacturing electric lamps)
44588-1	Copper-clad laminates ... (in manufacturing printed circuit boards)
45110-1	Needles, of any material or kind, n.o.p.
	Pins manufactured from wire of any metal:
45116-1	N.o.p.
45310-1	Stampings of metal ... (in manufacturing covered buckles and buttons)
46500-1	Signs ... letters and numerals ... of any material other than paper
47000-1	Patterns of iron, steel, brass or other metals, not being models
47900-1	Materials ... (for medical equipment or goods for the disabled)
*48400-1	Cups, brass ... (in manufacturing paper shells or cartridges)
49220-1	Materials for use in the manufacture of goods (petroleum industry)
51400-1	Coffins and caskets, and metal parts thereof
59600-1	(Piano and organ parts)
69105-1	Communion sets ... benitiers ... religious statues, medals ...
69605-1	Apparatus...not made...(for use in schools, libraries, art galleries)
69615-1	(Films) ... sound recordings ... (educational, scientific type)
71100-1	All goods not enumerated in this schedule ...
84900-1	Goods which enter into the cost of manufacture of fertilizers ...
95002-1	All parts and accessories ... equipment in automobiles ...
95004-1	All parts, and accessories ... original equipment in buses ...
95006-1	All parts, and accessories ... specified commercial vehicles ...

B. The Board's Analysis and Recommendations

The Board received one brief relating to this Chapter, from Canbro Inc. Canbro asked for additional statistical subdivisions of heading No. 74.06 dealing with, "Copper powders and flakes". The Board concurs with the proposal (see Table 74.1).

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* Indicates that goods under the present tariff item are classified only to this Chapter.

Canbro also pointed out that copper is produced in Canada in the form of "grain". Nonetheless, in the HS or in Explanatory Notes there is no definition of the term "grain" and its classification is not clear. Essentially, this product is a course powder of copper. But "grain" is not always fine enough to be considered as a powder *per se* in the HS by reason of Note 6(b) to Section XV which specifies that all metal powders are "products of which 90% or more by weight" must pass through a sieve "having a mesh aperture of 1 mm". Where copper grain meets this definition, it would fall under heading No. 74.06 respecting powders and flakes; otherwise it would fall under heading No. 74.03 covering unwrought copper and copper alloys. For greater clarity, the Board recommends(1) that a new statistical line, 7403.19.90.10, be added under tariff line 7403.19.90 to provide for "grain".

As a result of the Board's analysis, and pursuant to the Corrigendum received for this Chapter, a basic re-structuring of the provision under heading Nos. 74.07 and 74.08 is recommended. These revisions are necessary in order to bring forward into the HS those existing *Customs Tariff* provisions(2) which define copper wire as not exceeding one-half inch (12.7 mm) maximum cross-sectional dimension. The effect of the Corrigendum is to introduce new breakouts based on this 12.7 mm criterion under heading Nos. 74.07 (Copper bars, rods and profiles) and 74.08 (Copper wire). The revisions made to heading Nos. 74.07 and 74.08 of this Chapter also take into account certain classification differences between the present system and the HS. Under the present tariff, wire can be either "in coils" or "cut to length", whereas, in the HS, wire can only be a coiled product.

The Board recommends the following revised subdivisions of heading Nos. 74.07 and 74.08:

			MFN Rate
74.07	Copper bars, rods and profiles.		
7407.10	-Of refined copper		
	---Unworked		
7407.10.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%
7407.10.12.	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles		4%
	-----Bars and rods		
11	------Bars and rods (except wire bars and wire rods)	kg	
12	------Wire bars and wire rods	kg	
20	-----Profiles	kg	
7407.10.20.00	---Worked	kg	10.3%(3)

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(1) A similar recommendation has been made respecting "grain" when of aluminum (see Chapter 76).

(2) See also the more detailed discussion presented in the Board's analysis of Chapter 76, which deals with aluminum and aluminum products. Corresponding changes are also made respecting nickel and nickel products (Chapter 75).

(3) Reflects a rate revision, from 10.2 p.c. to 10.3 p.c., pursuant to Reference 159.

			MFN Rate
	-Of copper alloys		
7407.21	--Of copper-zinc base alloys (brass)		
	---Unworked		
7407.21.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%
7407.21.12.	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles		4%
10	-----Bars and rods	kg	
20	-----Profiles	kg	
7407.21.20.00	---Worked	kg	10.3%(1)
7407.22	--Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel-silver)		
	---Unworked		
7407.22.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%
7407.22.12.	----Bars and rods, of copper-nickel base alloys (cupro-nickel), of a maximum cross-sectional dimension exceeding 12.7 mm; profiles		4%
10	-----Bars and rods	kg	
20	-----Profiles	kg	
7407.22.13.00	----Bars and rods, of copper-nickel-zinc base alloys (nickel silver), of a maximum cross-sectional dimension exceeding 12.7 mm	kg	6.8%
7407.22.20.00	---Worked	kg	10.3%(1)
7407.29	--Other		
	---Unworked		
7407.29.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%
7407.29.12.	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles		4%
	-----Of phosphor copper or phosphor bronze alloys		
11	------Bars and rods	kg	
12	------Profiles	kg	
	-----Of copper beryllium alloys		
21	------Bars and rods	kg	
22	------Profiles	kg	
	-----Of other alloys		
91	------Bars and rods	kg	
92	------Profiles	kg	
7407.29.20.00	---Worked	kg	10.3%(1)

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(1) Reflects a rate revision, from 10.2 p.c. to 10.3 p.c., pursuant to Reference 159.

			MFN Rate
74.08	Copper wire.		
	-Of refined copper		
7408.11	--Of which the maximum cross-sectional dimension exceeds 6 mm		
	---Not exceeding 12.7 mm		
7408.11.11.00	----Not coated nor covered	kg	4.5%
7408.11.12.00	----Coated or covered	kg	10.2%
	---Exceeding 12.7 mm		
7408.11.21.00	----Not coated nor covered	kg	4%
7408.11.22.00	----Coated or covered	kg	10.2%
7408.19	--Other		
7408.19.10.00	---Not coated nor covered	kg	4.5%
7408.19.20.00	---Coated or covered	kg	10.2%
	-Of copper alloys		
7408.21	--Of copper-zinc base alloys (brass)		
	---Not exceeding 12.7 mm		
7408.21.11.00	----Not coated nor covered	kg	4.5%
7408.21.12.00	----Coated or covered	kg	10.2%
	---Exceeding 12.7 mm		
7408.21.21.00	----Not coated nor covered	kg	4%
7408.21.22.00	----Coated or covered	kg	10.2%
7408.22	--Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)		
	---Not exceeding 12.7 mm		
7408.22.11.00	----Not coated nor covered	kg	4.5%
7408.22.12.00	----Coated or covered	kg	10.2%
	---Of copper-nickel base alloys (cupro-nickel), exceeding 12.7 mm		
7408.22.21.00	----Not coated nor covered	kg	4%
7408.22.22.00	----Coated or covered	kg	10.2%
	---Of copper-nickel-zinc base alloys (nickel-silver), exceeding 12.7 mm		
7408.22.31.00	----Not coated nor covered	kg	6.8%
7408.22.32.00	----Coated or covered	kg	10.2%
7408.29	--Other		
	---Not exceeding 12.7 mm		
7408.29.11.00	----Not coated nor covered	kg	4.5%
7408.29.12.00	----Coated or covered	kg	10.2%
	---Exceeding 12.7 mm		
7408.29.21.00	----Not coated nor covered	kg	4%
7408.29.22.00	----Coated or covered	kg	10.2%

Consequent to Reference 159, tariff rate adjustments have been implemented for tariff items 35200-1, which pertains to various manufactures of brass or copper, and 44300-2, which covers apparatus for cooking. The Board recommends that the resulting rate changes be incorporated into the Schedule for Chapter 74.

The MFN rate for tariff item 35200-1, which has recently been revised from 10.2 p.c. to 10.3 p.c., pertains to numerous products covered by this Chapter. In addition to those rate recommendations already discussed for heading No. 74.07, the MFN rate should also be revised, from 10.2% to 10.3%, for the following tariff lines:

7403.19.90
7403.21.90
7403.22.00
7403.23.90
7403.29.90.00
7405.00.00.00
7409.11.20.00
7409.19.20.00
7409.21.20.00
7409.29.20.00
7409.31.20.00
7409.39.20.00
7409.40.20.00
7409.90.20.00
7410.11.20.00
7410.12.20.00
7410.21.20.00
7410.22.20.00
7411.10.20.00
7411.21.20.00
7411.22.20.00
7411.29.20.00
7412.10.00.00
7412.20.00.00
7413.00.00
7415.21.00.00
7415.29.00
7415.32.00
7415.39.00.00
7416.00.00.00
7418.10.00
7419.10.00.00
7419.91.90
7419.99.90

The Board notes, further, that the trade-weighted average rate of 10.6%, as shown in the draft Schedule under heading No. 74.06, should be amended to incorporate the rate adjustment for tariff item 35200-1. The revised MFN rate is 10.7% as shown in Table 74.2 (tariff lines 7406.10.20 and 7406.20.20).

Other changes have been made, respecting Reference 159, which relate to tariff item 44300-2, "apparatus for cooking ... parts thereof". Extracts have been introduced respecting electric coffee makers and parts for gas stoves or ranges and, for the goods remaining under tariff item 44300-2 (now 44300-10) the MFN rate has been adjusted upwards, from 12.5 p.c. to 12.6 p.c. The Board recommends the break-out below to incorporate these recent amendments into the referred Schedule:

Delete the rates of duty under 7417.00.00 and add the following:

			MFN Rate
7417.00.10.00	---Cooking apparatus	No.	12.6%
	Parts of cooking apparatus		
7417.00.21.00	----Of gas stoves and ranges	No.	13.4%
7417.00.29.00	----Other	No.	12.6%
7417.00.30.00	---Heating apparatus and parts thereof	No.	12.5%

Other nomenclature changes recommended by the Board for this Chapter are indicated in Table 74.1.

Table 74.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
7402.00.00.10	-----Black copper and blister copper . . . . . . Cuivre noir et cuivre blister	2
7403.13.00.10	New class -----Oxygen free (Nos. 101 and 102) . . . . . . Sans oxygène (n^{o}s 101 et 102)	5
7403.13.00.90	New class -----Other . . . . Autres	5
7403.19.10	---Ingots, ingot-bars and slabs . . . . Lingots, barres et plaques	2
7403.19.10.11	New class ------Fire refined . . . . Affinés au feu	5
7403.19.10.19	New class ------Other . . . . Autres	5
7403.19.10.20	-----Ingot-bars and slabs . . . . Barres et plaques	2
7403.19.90	---Other forms of refined copper . . . . Autres formes de cuivre affiné	3
7403.19.90.10	Renumber 7403.19.90.20	6
7403.19.90.10	New class -----Grain . . . . Grains	6
7403.19.90.30	New class -----Cakes . . . . Agglomérés	5
7403.19.90.31	New class ------Oxygen free (Nos. 101 and 102) . . . . . . Sans oxygène (n^{o}s 101 et 102)	5

TABLE 74.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7403.19.90.39	New class -------Other . . . . Autres	5
7403.21.10	---Ingots, billets, ingot-bars and slabs . . . . Lingots, billettes, barres et plaques	2
7403.21.10.30	-----Ingot-bars and slabs . . . . Barres et plaques	2
7403.21.90	---Other forms of copper-zinc . . . . Autres formes de cuivre-zinc	3
7403.23.10	---Ingots, billets, ingot-bars and slabs . . . . Lingots, billettes, barres et plaques	2
7403.23.10.30	-----Ingot-bars and slabs . . . . Barres et plaques	2
7403.23.90	---Other forms of copper-nickel or copper-nickel-zinc . . . . Autres formes de cuivre-nickel ou de cuivre-nickel-zinc	3
7403.29.90.00	---Other copper alloys . . . . Autres alliages de cuivre	3
7404.00.29	----Other alloys . . . . Autres alliages	2
7406.10.10.10	New class -----By electrolytic deposition . . . . Par déposition électrolytique	6
7406.10.10.90	New class -----Other . . . . Autres	6
7406.10.20.10	New class -----Of copper-zinc base alloys (brass) . . . . A base de cuivre-zinc (laiton)	6
7406.10.20.20	New class -----Of copper-tin base alloys (bronze) . . . . A base de cuivre-étain (bronze)	6
7406.10.20.90	New class -----Other . . . . Autres	6
7406.20.10.10	New class -----Powders . . . . Poudres	6

TABLE 74.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7406.20.10.20	New class -----Flakes . . . . Paillettes	6
7406.20.20.10	New class -----Powders of copper-zinc base alloys (brass) . . . . Poudres à base de cuivre-zinc (laiton)	6
7406.20.20.20	New class -----Flakes of copper-tin base alloys (bronze) . Paillettes à base de cuivre-étain (bronze)	6
7406.20.20.90	New class -----Other . . . . Autres	6
7409.11.10.10	Renumber 7409.11.10.20	2
7409.11.10.20	Renumber 7409.11.10.10 -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	2
7409.11.10.21	Renumber 7409.11.10.12	2
7409.11.10.22	Renumber 7409.11.10.11	2
7409.19.10.10	Renumber 7409.19.10.20	2
7409.19.10.20	Renumber 7409.19.10.10 -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	2
7409.19.10.21	Renumber 7409.19.10.12	2
7409.19.10.22	Renumber 7409.19.10.11	2
7409.21.10.10	Renumber 7409.21.10.20	2
7409.21.10.20	Renumber 7409.21.10.10 -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	2
7409.21.10.21	Renumber 7409.21.10.12	2
7409.21.10.22	Renumber 7409.21.10.11	2
7409.29.10.10	Renumber 7409.29.10.20	2
7409.29.10.20	Renumber 7409.29.10.10 -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	2

TABLE 74.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7409.29.10.21	Renumber 7409.29.10.12	2
7409.29.10.22	Renumber 7409.29.10.11	2
7409.31.10.10	Renumber 7409.31.10.20	2
7409.31.10.20	Renumber 7409.31.10.10 -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	2
7409.31.10.21	Renumber 7409.31.10.12	2
7409.31.10.22	Renumber 7409.31.10.11	2
7409.39.10.10	Renumber 7409.39.10.20	2
7409.39.10.20	Renumber 7409.39.10.10 -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	2
7409.39.10.21	Renumber 7409.39.10.12	2
7409.39.10.22	Renumber 7409.39.10.11	2
7409.40.11	----Of copper-nickel base alloys (cupro-nickel) . . . . En alliages à base de cuivre-nickel (cupronickel)	2
7409.40.11.10	Renumber 7409.40.11.20	2
7409.40.11.20	Renumber 7409.40.11.10 -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	2
7409.40.11.21	Renumber 7409.40.11.12	2
7409.40.11.22	Renumber 7409.40.11.11	2
7409.40.12	----Of copper-nickel-zinc base alloys (nickel silver) . . . . En alliages à base de cuivre-nickel-zinc (maillechort)	2
7409.40.12.10	Renumber 7409.40.12.20	2
7409.40.12.20	Renumber 7409.40.12.10 -----Of a thickness not exceeding 4.75 mm . . . D'une épaisseur n'excédant pas 4,75 mm	2
7409.40.12.21	Renumber 7409.40.12.12	2

TABLE 74.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7409.40.12.22	Renumber 7409.40.12.11	2
7409.90.10.11	Renumber 7409.90.10.13	2
7409.90.10.12	------Of a thickness not exceeding 4.75 mm and a width exceeding 508 mm . . . . D'une épaisseur n'excédant pas 4,75 mm et d'une largeur excédant 508 mm	2
7409.90.10.13	Renumber 7409.90.10.11 ------Of a thickness not exceeding 4.75 mm and a width not exceeding 508 mm . . . . D'une épaisseur n'excédant pas 4,75 mm et d'une largeur n'excédant pas 508 mm	2
7409.90.10.21	Renumber 7409.90.10.23	2
7409.90.10.22	------Of a thickness not exceeding 4.75 mm and a width exceeding 508 mm . . . . D'une épaisseur n'excédant pas 4,75 mm et d'une largeur excédant 508 mm	2
7409.90.10.23	Renumber 7409.90.10.21 ------Of a thickness not exceeding 4.75 mm and a width not exceeding 508 mm . . . . D'une épaisseur n'excédant pas 4,75 mm et d'une largeur n'excédant pas 508 mm	2
7409.90.10.91	Renumber 7409.90.10.93	2
7409.90.10.92	------Of a thickness not exceeding 4.75 mm and a width exceeding 508 mm . . . . D'une épaisseur n'excédant pas 4,75 mm et d'une largeur excédant 508 mm	2
7409.90.10.93	Renumber 7409.90.10.91 ------Of a thickness not exceeding 4.75 mm and a width not exceeding 508 mm . . . . D'une épaisseur n'excédant pas 4,75 mm et d'une largeur n'excédant pas 508 mm	2
7410.11.10.10	New class -----Of a thickness not exceeding 0.025 mm . . . D'une épaisseur n'excédant pas 0,025 mm	5
7410.11.10.20	New class -----Of a thickness exceeding 0.025 mm . . . . . D'une épaisseur excédant 0,025 mm	5
7410.11.10.21	New class ------Of a width not exceeding 508 mm . . . . . D'une largeur n'excédant pas 508 mm	5

TABLE 74.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7410.11.10.22	New class ------Of a width exceeding 508 mm D'une largeur excédant 508 mm	5
7410.12.10.10	New class -----Of a thickness not exceeding 0.025 mm D'une épaisseur n'excédant pas 0,025 mm	5
7410.12.10.20	New class -----Of a thickness exceeding 0.025 mm D'une épaisseur excédant 0,025 mm	5
7410.12.10.21	New class ------Of a width not exceeding 508 mm D'une largeur n'excédant pas 508 mm	5
7410.12.10.22	New class ------Of a width exceeding 508 mm D'une largeur excédant 508 mm	5
7411.10.10.10	Delete all statistical classes from 7411.10.10.10 to 7411.29.10.90 and replace with the following 16 entries	5
7411.10.10.10	-----For plumbing Pour plomberie	
7411.10.10.11	------Of an external diameter not exceeding 105 mm D'un diamètre extérieur n'excédant pas 105 mm	
7411.10.10.12	------Of an external diameter exceeding 105 mm D'un diamètre extérieur excédant 105 mm	
7411.10.10.20	-----For refrigeration or air conditioning (ACR) Pour réfrigération ou climatisation	
7411.10.10.30	-----Industrial or commercial Industriel ou commercial	
7411.10.10.90	-----Other Autres	
7411.21.10.10	-----For plumbing Pour plomberie	
7411.21.10.20	-----For condenser or heat exchanger Pour condensateur ou échangeur de chaleur	
7411.21.10.30	-----Industrial or commercial Industriel ou commercial	

TABLE 74.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7411.21.10.90	-----Other Autres	
7411.22.10.10	-----For condenser or heat exchanger Pour condensateur ou échangeur de chaleur	
7411.22.10.20	-----Industrial or commercial Industriel ou commercial	
7411.22.10.90	-----Other Autres	
7411.29.10.10	-----For condenser or heat exchanger Pour condensateur ou échangeur de chaleur	
7411.29.10.20	-----Industrial or commercial Industriel ou commercial	
7411.29.10.90	-----Other Autres	
7412.10.00.10	New class -----Pressure type Type à pression	5
7412.10.00.11	New class ------Wrought Travaillé	5
7412.10.00.19	New class ------Other Autres	5
7412.10.00.20	New class -----Drainage type Type à écoulement	5
7412.10.00.21	New class ------Wrought Travaillé	5
7412.10.00.29	New class ------Other Autres	5
7412.10.00.90	New class -----Other Autres	5

TABLE 74.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7412.20.00.10	Delete 7412.20.00.10 and 7412.20.00.20 and replace with the following seven entries	5
7412.20.00.10	-----Pressure type . . . . Type à pression	
7412.20.00.11	------Forged . . . . Forgé	
7412.20.00.12	------Cast . . . . Coulé	
7412.20.00.19	------Other . . . . Autres	
7412.20.00.20	-----Drainage type . . . . Type à écoulement	
7412.20.00.21	------Cast . . . . Coulé	
7412.20.00.29	------Other . . . . Autres	
7413.00.00.10	-----Cables . . . . Câbles	2
7413.00.00.90	Renumber 7413.00.00.20 -----Stranded wire, plaited bands and the like . . . . Torons, tresses et articles similaires	4
7415.29.00.90	-----Other articles, not threaded . . . . Autres articles, non filetés	3
7417.00.00.10	Delete this class	6
7417.00.00.20	Delete this class	6
7418.10.00.10	Renumber 7418.10.00.20 -----Ustensiles de cuisine	2
7418.10.00.20	Renumber 7418.10.00.10	2
7419.91.10.00	---Anodes pour galvanoplastie	2
7419.91.10.10	New class -----Not alloyed . . . . Non alliées	5

TABLE 74.1 (CONT.)

HS Code	Description of Goods	Reason for Change
	New class	
7419.91.10.20	-----Alloyed . . . . Alliées	5
7419.91.90.10	Delete from 7419.91.90.10 to 7419.91.90.30 and replace with the following eleven entries	5
7419.91.90.10	-----Castings, not alloyed . . . . Pièces moulées, non alliées	
7419.91.90.20	-----Castings, alloyed . . . . Pièces moulées, alliées	1
7419.91.90.21	------Die castings . . . . Sous pression	
7419.91.90.22	------Sand castings . . . . Sable à moulage	
7419.91.90.23	------Continuous castings . . . . Continues	
7419.91.90.24	------Centrifugal castings . . . . Centrifuge	
7419.91.90.29	------Other . . . . Autres	
7419.91.90.30	-----Forgings . . . . Pièces forgées	
7419.91.90.31	------Not alloyed . . . . Non alliées	
7419.91.90.32	------Alloyed . . . . Alliées	
7419.91.90.40	-----Mouldings and stampings . . . . Pièces moulées et estampées	
7419.99.10.00	---Anodes pour galvanoplastie	2
	New class	
7419.99.10.10	-----Not alloyed . . . . Non alliées	5
	New class	
7419.99.10.20	-----Alloyed . . . . Alliées	5

TABLE 74.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
7419.99.20.00	---Caskets and coffins . . . . Cercueils et bières	2
7419.99.90	---Other articles of copper . . . . Autres articles en cuivre	3
7419.99.90.20	------Quincaillerie de poteaux de lignes télégraphiques, y compris les tiges de mise à la terre	1

LEGAL NOTES RECOMMENDED BY THE BOARD

Chapter 74

COPPER AND ARTICLES THEREOF

*

Legal Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Refined copper

Metal containing at least 99.85 % by weight of copper; or

Metal containing at least 97.5 % by weight of copper, provided that the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

Element		Limiting content % by weight
Ag	Silver	0.25
As	Arsenic	0.5
Cd	Cadmium	1.3
Cr	Chromium	1.4
Mg	Magnesium	0.8
Pb	Lead	1.5
S	Sulphur	0.7
Sn	Tin	0.8
Te	Tellurium	0.8
Zn	Zinc	1
Zr	Zirconium	0.3
Other elements*, each		0.3

* Other elements are, for example, Al, Be, Co, Fe, Mn, Ni, Si.

(b) Copper alloys

Metallic substances other than unrefined copper in which copper predominates by weight over each of the other elements, provided that:

(i) the content by weight of at least one of the other elements shall be greater than the limit specified in the foregoing table; or

(ii) the total content by weight of such other elements exceeds 2.5 %.

(c) Master alloys

Alloys containing with other elements more than 10 % by weight of copper, not usefully malleable and commonly used as an additive in the manufacture of other alloys or as de-oxidants, de-sulphurising agents or for similar uses in the metallurgy of non-ferrous metals. However, copper phosphide (phosphor copper) containing more than 15 % by weight of phosphorous falls in heading No. 28.48.

(d) Bars and rods

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products, with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

Wire-bars and billets with their ends tapered or otherwise worked simply to facilitate their entry into machines for converting them into, for example, drawing stock (wire-rod) or tubes, are however to be taken to be unwrought copper of heading No. 74.03.

(e) Profiles

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(f) Wire

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

In the case of heading No. 74.14, however, the term "wire" applies only to products, whether or not in coils, of any cross-sectional shape, of which no cross-sectional dimension exceeds 6 mm.

(g) Plates, sheets, strip and foil

Flat-surfaced products (other than the unwrought products of heading No. 74.03), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel, of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,

- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading Nos. 74.09 and 74.10 apply, inter alia, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(h) Tubes and pipes

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be taken to be tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Legal Note. *

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Copper-zinc base alloys (brasses)

Alloys of copper and zinc, with or without other elements. When other elements are present:

- zinc predominates by weight over each of such other elements;

- any nickel content by weight is less than 5 % (see copper-nickel-zinc alloys (nickel silvers)); and

- any tin content by weight is less than 3 % (see copper-tin alloys (bronzes)).

(b) Copper-tin base alloys (bronzes)

Alloys of copper and tin, with or without other elements. When other elements are present, tin predominates by weight over each of such other elements, except that when the tin content is 3 % or more the zinc content by weight may exceed that of tin but must be less than 10 %.

(c) Copper-nickel-zinc base alloys (nickel silvers)

Alloys of copper, nickel and zinc, with or without other elements. The nickel content is 5 % or more by weight (see copper-zinc alloys (brasses)).

(d) Copper-nickel base alloys

Alloys of copper and nickel, with or without other elements but in any case containing by weight not more than 1 % of zinc. When other elements are present, nickel predominates by weight over each of such other elements.

TABLE 74.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
74.01	**Copper mattes; cement copper (precipitated copper).**						
7401.10.00.00	-Copper mattes	kg	Free	Free	3.31¢/kg	Free	
7401.20.00.00	-Cement copper (precipitated copper)	kg	Free	Free	Free	-	
74.02 7402.00.00.	**Unrefined copper; copper anodes for electrolytic refining**		Free	Free	10%	Free	
10	-----Black copper and blister copper	kg					*
20	-----Anodes for electrolytic refining . . .	kg					
74.03	**Refined copper and copper alloys, unwrought.**						
	-Refined copper						
7403.11.00.00	--Cathodes and sections of cathodes	kg	Free	Free	3.31¢/kg	Free	
7403.12.00.00	--Wire-bars	kg	4%	4%	10%	Free	
7403.13.00.	--Billets		Free	Free	3.31¢/kg	Free	*
10	-----Oxygen free (Nos. 101 and 102)	kg					*
90	-----Other	kg					*
7403.19	--Other						
7403.19.10.	---Ingots, ingot-bars and slabs		Free	Free	3.31¢/kg	Free	*
10	-----Grain	kg					*
	-----Ingots						
21	------Fire refined	kg					*
29	------Other	kg					*
30	-----Ingot-bars and slabs	kg					*
7403.19.90.	---Other forms of refined copper		10.3%	10.3%	30%	6.5%	*
10	-----Grain	kg					*
20	-----Shot	kg					*
	-----Cakes						*
31	------Oxygen free (Nos. 101 and 102)	kg					*
39	------Other	kg					*
90	-----Other	kg					
	-Copper alloys						
7403.21	--Copper-zinc base alloys (brass)						
7403.21.10.	---Ingots, billets, ingot-bars and slabs . .		4%	4%	10%	Free	*
10	-----Ingots	kg					
20	-----Billets	kg					
30	-----Ingot-bars and slabs	kg					*
7403.21.90.	---Other forms of copper-zinc		10.3%	10.3%	30%	6.5%	*
10	-----Shot	kg					
90	-----Other	kg					

TABLE 74.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7403.22.00.	--Copper-tin base alloys (bronze)		10.3%	10.3%	30%	6.5%	
10	-----Ingots	kg					
20	-----Billets	kg					
30	-----Shot	kg					
90	-----Other	kg					
7403.23	--Copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)						
7403.23.10.	---Ingots, billets, ingot-bars and slabs		Free	Free	Free	Free	*
10	-----Ingots	kg					
20	-----Billets	kg					
30	-----Ingot-bars and slabs	kg					*
7403.23.90.	---Other forms of copper-nickel or copper-nickel-zinc		10.3%	10.3%	30%	6.5%	*
10	-----Shot	kg					
90	-----Other	kg					
7403.29	--Other copper alloys (other than master alloys of heading No. 74.05)						
7403.29.10.	---Copper beryllium or copper phosphor alloys		4%	4%	25%	Free	
	-----Copper beryllium alloys						
11	------Ingots	kg					
19	------Other	kg					
20	-----Copper phosphor alloys	kg					
7403.29.90.00	---Other copper alloys	kg	10.3%	10.3%	30%	6.5%	*
74.04	**Copper waste and scrap.**						
7404.00.10.00	---Not alloyed	kg	Free	Free	3.31¢/kg	Free	
	---Alloyed						
7404.00.21.00	----Copper-zinc base alloys (brass)	kg	4%	4%	10%	Free	
7404.00.29.	----Other alloys		10.2%	10.2%	25%	6.5%	*
10	-----Copper-tin base alloys (bronze)	kg					
90	-----Other	kg					
74.05							
7405.00.00.00	**Master alloys of copper**	kg	10.3%	10.3%	30%	6.5%	*
74.06	**Copper powders and flakes.**						
7406.10	-Powders of non-lamellar structure						
7406.10.10.	---Not alloyed		Free	4%	25%	Free	*
10	-----By electrolytic deposition	kg					*
90	-----Other	kg					*

TABLE 74.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7406.10.20.	---Alloyed		10.7%	10.7%	30%	7%	*
10	-----Of copper-zinc base alloys (brass)	kg					*
20	-----Of copper-tin base alloys (bronze)	kg					*
90	-----Other	kg					*
7406.20	-Powders of lamellar structure; flakes						
7406.20.10.	---Not alloyed		Free	4%	25%	Free	*
10	-----Powders	kg					*
20	-----Flakes	kg					*
7406.20.20.	---Alloyed		10.7%	10.7%	30%	7%	*
10	-----Powders of copper-zinc base alloys (brass)	kg					*
20	-----Flakes of copper-zinc base alloys (bronze)	kg					*
90	-----Other	kg					*
74.07	**Copper bars, rods and profiles.**						
7407.10	-Of refined copper						
	---Unworked						*
7407.10.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%	4.5%	25%	3%	*
7407.10.12.	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles		4%	4%	30%	Free	*
	-----Bars and rods						*
11	------Bars and rods (except wire bars and wire rods	kg					*
12	------Wire bars and wire rods	kg					*
20	-----Profiles	kg					*
7407.10.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
	-Of copper alloys						
7407.21	--Of copper-zinc base alloys (brass)						
	---Unworked						*
7407.21.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%	4.5%	25%	3%	*
7407.21.12.	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles		4%	4%	30%	Free	*
10	-----Bars and rods	kg					*
20	-----Profiles	kg					*
7407.21.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*

TABLE 74.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7407.22	--Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)						
	---Unworked						
7407.22.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%	4.5%	25%	3%	*
7407.22.12.	----Bars and rods, of copper-nickel base alloys (cupro-nickel), of a maximum cross-sectional dimension exceeding 12.7 mm; profiles		4%	4%	30%	Free	*
10	-----Bars and rods	kg					*
20	-----Profiles	kg					*
7407.22.13.00	----Bars and rods, of copper-nickel-zinc base alloys (nickel silver), of a cross-sectional dimension exceeding 12.7 mm	kg	5%	6.8%	10%	4.5%	*
7407.22.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
7407.29	--Other						
	---Unworked						*
7407.29.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%	4.5%	25%	3%	*
7407.29.12.	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles		4%	4%	30%	Free	*
	-----Of phosphor copper or phosphor bronze alloys						*
11	------Bars and rods	kg					*
12	------Profiles	kg					*
	-----Of copper beryllium alloys						*
21	------Bars and rods	kg					*
22	------Profiles	kg					*
	-----Of other alloys						*
91	------Bars and rods	kg					*
92	------Profiles	kg					*
7407.29.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
74.08	**Copper wire.**						
	-Of refined copper						
7408.11	--Of which the maximum cross-sectional dimension exceeds 6 mm						
	---Not exceeding 12.7 mm						*
7408.11.11.00	----Not coated nor covered	kg	4.5%	4.5%	25%	3%	*
7408.11.12.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	---Exceeding 12.7 mm						*
7408.11.21.00	----Not coated nor covered	kg	4%	4%	30%	Free	*
7408.11.22.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
7408.19	--Other						
7408.19.10.00	---Not coated nor covered	kg	4.5%	4.5%	25%	3%	*
7408.19.20.00	---Coated or covered	kg	10%	10.2%	25%	6.5%	*
	-Of copper alloys						
7408.21	--Of copper-zinc base alloys (brass)						
	---Not exceeding 12.7 mm						*
7408.21.11.00	----Not coated nor covered	kg	4.5%	4.5%	25%	3%	*
7408.21.12.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
	---Exceeding 12.7 mm						*
7408.21.21.00	----Not coated nor covered	kg	4%	4%	30%	Free	*
7408.21.22.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
7408.22	--Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)						
	---Not exceeding 12.7 mm						*
7408.22.11.00	----Not coated nor covered	kg	4.5%	4.5%	25%	3%	*
7408.22.12.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
	---Of copper-nickel base alloys (cupro-nickel), exceeding 12.7 mm						*
7408.22.21.00	----Not coated nor covered	kg	4%	4%	30%	Free	*
7408.22.22.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
	---Of copper-nickel-zinc base alloys (nickel silver), exceeding 12.7 mm						*
7408.22.31.00	----Not coated nor covered	kg	5%	6.8%	10%	4.5%	*
7408.22.32.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
7408.29	--Other						
	---Not exceeding 12.7 mm						*
7408.29.11.00	----Not coated nor covered	kg	4.5%	4.5%	25%	3%	*
7408.29.12.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
	---Exceeding 12.7 mm						*
7408.29.21.00	----Not coated nor covered	kg	4%	4%	30%	Free	*
7408.29.22.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
74.09	**Copper plates, sheets and strip, of a thickness exceeding 0.15 mm.**						
	-Of refined copper						
7409.11	--In coils						
7409.11.10.	---Unworked		4%	4%	10%	Free	
	-----Of a thickness not exceeding 4.75 mm						*
11	------Of a width not exceeding 508 mm	kg					*
12	------Of a width exceeding 508 mm	kg					*
20	-----Of a thickness exceeding 4.75 mm	kg					*
7409.11.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*

TABLE 74.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7409.19	--Other						
7409.19.10.	---Unworked		4%	4%	10%	Free	
	-----Of a thickness not exceeding 4.75 mm						
11	------Of a width not exceeding 508 mm	kg					*
12	------Of a width exceeding 508 mm	kg					*
20	-----Of a thickness exceeding 4.75 mm	kg					*
7409.19.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
	-Of copper-zinc base alloys (brass)						
7409.21	--In coils						
7409.21.10.	---Unworked		4%	4%	25%	Free	
	-----Of a thickness not exceeding 4.75 mm						
11	------Of a width not exceeding 508 mm	kg					*
12	------Of a width exceeding 508 mm	kg					*
20	-----Of a thickness exceeding 4.75 mm	kg					*
7409.21.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
7409.29	--Other						
7409.29.10.	---Unworked		4%	4%	25%	Free	
	-----Of a thickness not exceeding 4.75 mm						
11	------Of a width not exceeding 508 mm	kg					*
12	------Of a width exceeding 508 mm	kg					*
20	-----Of a thickness exceeding 4.75 mm	kg					*
7409.29.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
	-Of copper-tin base alloys (bronze)						
7409.31	--In coils						
7409.31.10.	---Unworked		4%	4%	25%	Free	
	-----Of a thickness not exceeding 4.75 mm						
11	------Of a width not exceeding 508 mm	kg					*
12	------Of a width exceeding 508 mm	kg					*
20	-----Of a thickness exceeding 4.75 mm	kg					*
7409.31.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
7409.39	--Other						
7409.39.10.	---Unworked		4%	4%	25%	Free	
	-----Of a thickness not exceeding 4.75 mm						
11	------Of a width not exceeding 508 mm	kg					*
12	------Of a width exceeding 508 mm	kg					*
20	-----Of a thickness exceeding 4.75 mm	kg					*
7409.39.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
7409.40	-Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)						
	---Unworked						
7409.40.11.	----Of copper-nickel base alloys (cupro-nickel)		4%	4%	25%	Free	*
	-----Of a thickness not exceeding 4.75 mm						*
11	------Of a width not exceeding 508 mm	kg					*
12	------Of a width exceeding 508 mm	kg					*
20	-----Of a thickness exceeding 4.75 mm	kg					*

TABLE 74.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7409.40.12.	----Of copper-nickel-zinc base alloys (nickel silver)		5%	6.8%	10%	4.5%	*
	-----Of a thickness not exceeding 4.75 mm						*
11	------Of a width not exceeding 508 mm	kg					*
12	------Of a width exceeding 508 mm	kg					*
20	-----Of a thickness exceeding 4.75 mm	kg					*
7409.40.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
7409.90	-Of other copper alloys						
7409.90.10.	---Unworked		4%	4%	25%	Free	
	-----Of phosphor copper or phosphor bronze alloys						
11	------Of a thickness not exceeding 4.75 mm and a width not exceeding 508 mm	kg					*
12	------Of a thickness not exceeding 4.75 mm and a width exceeding 508 mm	kg					*
13	------Of a thickness exceeding 4.75 mm	kg					*
	-----Of copper beryllium alloys						
21	------Of a thickness not exceeding 4.75 mm and a width not exceeding 508 mm	kg					*
22	------Of a thickness not exceeding 4.75 mm and a width exceeding 508 mm	kg					*
23	------Of a thickness exceeding 4.75 mm	kg					*
	-----Of other alloys						
91	------Of a thickness not exceeding 4.75 mm and a width not exceeding 508 mm	kg					*
92	------Of a thickness not exceeding 4.75 mm and a width exceeding 508 mm	kg					*
93	------Of a thickness exceeding 4.75 mm	kg					*
7409.90.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
74.10	**Copper foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0.15 mm.**						
	-Not backed						
7410.11	--Of refined copper						
7410.11.10.	---Unworked		4%	4%	10%	Free	*
10	-----Of a thickness not exceeding 0.025 mm	kg					*
	-----Of a thickness exceeding 0.025 mm						*
21	------Of a width not exceeding 508 mm	kg					*
22	------Of a width exceeding 508 mm	kg					*
7410.11.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*

TABLE 74.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7410.12	--Of copper alloys						
7410.12.10.	---Unworked		4%	4%	25%	Free	*
10	-----Of a thickness not exceeding 0.025 mm .	kg					*
	-----Of a thickness exceeding 0.025 mm						*
21	------Of a width not exceeding 508 mm . . .	kg					*
22	------Of a width exceeding 508 mm	kg					*
7410.12.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
	-Backed						
7410.21	--Of refined copper						
7410.21.10.00	---Unworked	kg	4%	4%	10%	Free	
7410.21.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
7410.22	--Of copper alloys						
7410.22.10.00	---Unworked	kg	4%	4%	25%	Free	
7410.22.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
74.11	**Copper tubes and pipes.**						
7411.10	-Of refined copper						
7411.10.10.	---Unworked		4%	4%	30%	Free	
	-----For plumbing						*
11	------Of an external diameter not exceeding 105 mm	kg					*
12	------Of an external diameter exceeding 105 mm	kg					*
20	-----For refrigeration or air conditioning (ACR)	kg					*
30	-----Industrial or commercial	kg					*
90	-----Other	kg					*
7411.10.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
	-Of copper alloys						
7411.21	--Of copper-zinc base alloys (brass)						
7411.21.10.	---Unworked		4%	4%	30%	Free	
10	-----For plumbing	kg					*
20	-----For condenser or heat exchanger	kg					*
30	-----Industrial or commercial	kg					*
90	-----Other	kg					*
7411.21.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
7411.22	--Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)						
7411.22.10.	---Unworked		4%	4%	30%	Free	
10	-----For condenser or heat exchanger	kg					*
20	-----Industrial or commercial	kg					*
90	-----Other	kg					*
7411.22.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*

TABLE 74.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7411.29	--Other						
7411.29.10.	---Unworked		4%	4%	30%	Free	
10	-----For condenser or heat exchanger	kg					*
20	-----Industrial or commercial	kg					*
90	-----Other	kg					*
7411.29.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
74.12	**Copper tube or pipe fittings (for example, couplings, elbows, sleeves).**						
7412.10.00.	-Of refined copper		10.3%	10.3%	30%	6.5%	*
	-----Pressure type						*
11	------Wrought	-					*
19	------Other	-					*
	-----Drainage type						*
21	------Wrought	-					*
29	------Other	-					*
90	-----Other	-					*
7412.20.00.	-Of copper alloys		10.3%	10.3%	30%	6.5%	
	-----Pressure type						*
11	------Forged	-					*
12	------Cast	-					*
19	------Other	-					*
	-----Drainage type						*
21	------Cast	-					*
29	------Other	-					*
90	-----Other	-					
74.13 **7413.00.00.**	**Stranded wire, cables, plaited bands and the like, of copper, not electrically insulated**		10.3%	10.3%	25%	6.5%	*
	-----Cables						*
11	------Not alloyed	kg					
12	------Alloyed	kg					
20	-----Stranded wire, plaited bands and the like	kg					*
74.14	**Cloth (including endless bands), grill and netting, of copper wire; expanded metal of copper.**						
7414.10.00.00	-Endless bands, for machinery	m^2	10.2%	10.2%	30%	6.5%	

TABLE 74.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 74-14

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7414.90.00.00	-Other	kg	10.2%	10.2%	30%	6.5%	
74.15	**Nails, tacks, drawing pins, staples (other than those of heading No. 83.05) and similar articles, of copper or of iron or steel with heads of copper; screws, bolts, nuts, screw hooks, rivets, cotters, cotter-pins, washers (including spring washers) and similar articles, of copper.**						
7415.10.00.	-Nails and tacks, drawing pins, staples and similar articles		10.2%	10.2%	30%	6.5%	
10	-----Nails	kg					
20	-----Tacks	kg					
30	-----Staples	kg					
90	-----Other	kg					
	-Other articles, not threaded						
7415.21.00.00	--Washers (including spring washers)	-	10.3%	10.3%	30%	6.5%	*
7415.29.00.	--Other		10.3%	10.3%	30%	6.5%	*
10	-----Rivets	-					
90	-----Other articles, not threaded	-					*
	-Other threaded articles						
7415.31.00.00	--Screws for wood	-	10.2%	10.2%	35%	6.5%	
7415.32.00.	--Other screws; bolts and nuts		10.3%	10.3%	35%	6.5%	*
10	-----Screws	-					
20	-----Bolts	-					
30	-----Nuts	-					
7415.39.00.00	--Other	-	10.3%	10.3%	30%	6.5%	*
74.16							
7416.00.00.00	**Copper springs**	-	10.3%	10.3%	30%	6.5%	*
74.17	**Cooking or heating apparatus of a kind used for domestic purposes, non-electric, and parts thereof, of copper.**						*
7417.00.10.00	---Cooking apparatus	No.	12.6%	12.6%	30%	8%	*
	---Parts of cooking apparatus						*
7417.00.21.00	----Of gas stoves and ranges	No.	13.4%	13.4%	30%	9.5%	*
7417.00.29.00	----Of other cooking apparatus	No.	12.6%	12.6%	30%	8%	*
7417.00.30.00	---Heating apparatus and parts thereof . . .	No.	12.5%	12.5%	30%	8%	*

TABLE 74.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
74.18	**Table, kitchen or other household articles and parts thereof, of copper; pot scourers and scouring or polishing pads, gloves and the like, of copper; sanitary ware and parts thereof, of copper.**						
7418.10.00.	-Table, kitchen or other household articles and parts thereof; pot scourers and scouring or polishing pads, gloves and the like		10.3%	10.3%	45%	6.5%	*
10	-----Tableware	-					*
20	-----Cooking utensils	-					*
90	-----Other	-					
7418.20.00.00	-Sanitary ware and parts thereof	-	10.2%	10.2%	45%	6.5%	
74.19	**Other articles of copper.**						
7419.10.00.00	-Chain and parts thereof	-	10.3%	10.3%	30%	6.5%	*
	-Other						
7419.91	--Cast, moulded, stamped or forged, but not further worked						
7419.91.10.	---Anodes for electro-plating		Free	Free	10%	Free	*
10	-----Not alloyed	kg					*
20	-----Alloyed	kg					*
7419.91.90.	---Other		10.3%	10.3%	40%	Free	*
10	-----Castings, not alloyed	kg					*
	-----Castings, alloyed						*
21	------Die castings	kg					*
22	------Sand castings	kg					*
23	------Continuous castings	kg					*
24	------Centrifugal castings	kg					*
29	------Other	kg					*
	-----Forgings						*
31	------Not alloyed	kg					*
32	------Alloyed	kg					*
40	-----Mouldings and stampings	kg					*
7419.99	--Other						
7419.99.10.	---Anodes for electro-plating		Free	Free	10%	Free	*
10	-----Not alloyed	kg					*
20	-----Alloyed	kg					*
7419.99.20.00	---Caskets and coffins	No.	15%	15%	25%	10%	*
7419.99.90.	---Other articles of copper		10.3%	10.3%	30%	6.5%	*
10	-----Fabricated building components	-					
20	-----Pole line hardware, including ground rods	-					
90	-----Other	-					

CHAPTER 74

APPENDIX

Chapter 74

COPPER AND ARTICLES THEREOF

Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Refined copper**

Metal containing at least 99.85% by weight of copper; or

Metal containing at least 97.5% by weight of copper, provided that the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

	Element	Limiting content % by weight
Ag	Silver	0.25
As	Arsenic	0.5
Cd	Cadmium	1.3
Cr	Chromium	1.4
Mg	Magnesium	0.8
Pb	Lead	1.5
S	Sulphur	0.7
Sn	Tin	0.8
Te	Tellurium	0.8
Zn	Zinc	1
Zr	Zirconium	0.3
Other elements *, each		0.3

* Other elements are, for example, Al, Be, Co, Fe, Mn, Ni, Si.

(b) **Copper alloys**

Metallic substances other than unrefined copper in which copper predominates by weight over each of the other elements, provided that:

(i) the content by weight of at least one of the other elements shall be greater than the limit specified in the foregoing table; or

(ii) the total content by weight of such other elements exceeds 2.5%.

(c) **Master alloys**

Alloys containing with other elements more than 10% by weight of copper, not usefully malleable and commonly used as an additive in the manufacture of other alloys or as de-oxidants, de-sulphurising agents or for similar uses in the metallurgy of non-ferrous metals. However, copper phosphide (phosphor copper) containing more than 15% by weight of phosphorus falls in heading No. 28.48.

(d) **Bars and rods**

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

Wire-bars and billets with their ends tapered or otherwise worked simply to facilitate their entry into machines for converting them into, for example, drawing stock (wire-rod) or tubes, are however to be taken to be unwrought copper of heading No. 74.03.

(e) **Profiles**

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(f) **Wire**

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

In the case of heading No. 74.14, however, the term "wire" applies only to products, whether or not in coils, of any cross-sectional shape, of which no cross-sectional dimension exceeds 6mm.

(g) **Plates, sheets, strip and foil**

Flat-surfaced products (other than the unwrought products of heading No. 74.03), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles of products of other headings.

Heading Nos. 74.09 and 74.10 apply, *inter alia*, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(h) **Tubes and pipes**

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be taken to be tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Copper-zinc base alloys (brasses)**

Alloys of copper and zinc, with or without other elements. When other elements are present:

- zinc predominates by weight over each of such other elements;
- any nickel content by weight is less than 5% (see copper-nickel-zinc alloys (nickel silvers)); and
- any tin content by weight is less than 3% (see copper-tin alloys (bronzes)).

(b) **Copper-tin base alloys (bronzes)**

Alloys of copper and tin, with or without other elements. When other elements are present, tin predominates by weight over each of such other elements, except that when the tin content is 3% or more the zinc content by weight may exceed that of tin but must be less than 10%.

(c) **Copper-nickel-zinc base alloys (nickel silvers)**

Alloys of copper, nickel and zinc, with or without other elements. The nickel content is 5% or more by weight (see copper-zinc alloys (brasses)).

(d) **Copper-nickel base alloys**

Alloys of copper and nickel, with or without other elements but in any case containing by weight not more than 1% of zinc. When other elements are present, nickel predominates by weight over each of such other elements.

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
74.01		**Copper mattes; cement copper (precipitated copper).**					
7401.10.00	00	-Copper mattes	kg	Free	Free	3.31¢/kg	Free
7401.20.00	00	-Cement copper (precipitated copper)	kg	Free	Free	Free	-
74.02							
7402.00.00		**Unrefined copper; copper anodes for electrolytic refining**		Free	Free	10%	Free
	10	-----*Black copper or blister copper*	kg				
	20	-----*Anodes for electrolytic refining*	kg				
74.03		**Refined copper and copper alloys, unwrought.**					
		-Refined copper:					
7403.11.00	00	--Cathodes and sections of cathodes	kg	Free	Free	3.31¢/kg	Free
7403.12.00	00	--Wire-bars	kg	4%	4%	10%	Free
7403.13.00	00	--Billets	kg	Free	Free	3.31¢/kg	Free
7403.19		--Other					
7403.19.10		---Ingots, ingot-bars or slabs		Free	Free	3.31¢/kg	Free
	10	-----*Ingots*	kg				
	20	-----*Ingot-bars or slabs*	kg				
7403.19.90		---Other		10.2%	10.2%	30%	6.5%
	10	-----*Shot*	kg				
	90	-----*Other*	kg				
		-Copper alloys:					
7403.21		--Copper-zinc base alloys (brass)					
7403.21.10		---Ingots, ingot-bars, slabs or billets		4%	4%	10%	Free
	10	-----*Ingots*	kg				
	20	-----*Billets*	kg				
	30	-----*Ingot-bars or slabs*	kg				
7403.21.90		---Other		10.2%	10.2%	30%	6.5%
	10	-----*Shot*	kg				
	90	-----*Other*	kg				
7403.22.00		--Copper-tin base alloys (bronze)		10.2%	10.2%	30%	6.5%
	10	-----*Ingots*	kg				
	20	-----*Billets*	kg				
	30	-----*Shot*	kg				
	90	-----*Other*	kg				
7403.23		--Copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)					
7403.23.10		---Ingots, ingot-bars, slabs or billets		Free	Free	Free	Free
	10	-----*Ingots*	kg				
	20	-----*Billets*	kg				
	30	-----*Ingot-bars or slabs*	kg				
7403.23.90		---Other		10.2%	10.2%	30%	6.5%
	10	-----*Shot*	kg				
	90	-----*Other*	kg				
7403.29		--Other copper alloys (other than master alloys of heading No. 74.05)					
7403.29.10		---Copper beryllium or copper phosphor alloys		4%	4%	25%	Free
		-----*Copper beryllium alloys:*					
	11	------*Ingots*	kg				
	19	------*Other*	kg				
	20	-----*Copper phosphor alloys*	kg				
7403.29.90	00	---Other	kg	10.2%	10.2%	30%	6.5%

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
74.04							
7404.00		**Copper waste and scrap.**					
7404.00.10	00	---Not alloyed	kg	Free	Free	3.31¢/kg	Free
		---Alloyed:					
7404.00.21	00	----Copper-zinc base alloys (brass)	kg	4%	4%	10%	Free
7404.00.29		----Other		10.2%	10.2%	25%	6.5%
	10	-----*Copper-tin base alloys (bronze)*	kg				
	90	-----*Other*	kg				
74.05							
7405.00.00	00	**Master alloys of copper**	kg	10.2%	10.2%	30%	6.5%
74.06		**Copper powders and flakes.**					
7406.10		-Powders of non-lamellar structure					
7406.10.10	00	---Not alloyed	kg	Free	4%	25%	Free
7406.10.20	00	---Alloyed	kg	10.6%	10.6%	30%	7%
7406.20		-Powders of lamellar structure; flakes					
7406.20.10	00	---Not alloyed	kg	Free	4%	25%	Free
7406.20.20	00	---Alloyed	kg	10.6%	10.6%	30%	7%
74.07		**Copper bars, rods and profiles.**					
7407.10		-Of refined copper					
7407.10.10		---Unworked		4%	4%	10%	Free
	10	-----*Bars and rods*	kg				
	20	-----*Profiles*	kg				
7407.10.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
		-Of copper alloys:					
7407.21		--Of copper-zinc base alloys (brass)					
7407.21.10		---Unworked		4%	4%	25%	Free
	10	-----*Bars and rods*	kg				
	20	-----*Profiles*	kg				
7407.21.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7407.22		--Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)					
		---Unworked:					
7407.22.11		----Bars and rods, of copper-nickel base alloys (cupro-nickel); profiles		4%	4%	30%	Free
	10	-----*Bars and rods*	kg				
	20	-----*Profiles*	kg				
7407.22.12	00	----Bars and rods, of copper-nickel-zinc base alloys (nickel-silver)	kg	5%	6.8%	10%	4.5%
7407.22.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7407.29		--Other					
7407.29.10		---Unworked		4%	4%	30%	Free
		-----*Of phosphor copper or phosphor bronze alloys:*					
	11	------*Bars and rods*	kg				
	12	------*Profiles*	kg				
		-----*Of copper beryllium alloys:*					
	21	------*Bars and rods*	kg				
	22	------*Profiles*	kg				
		-----*Of other alloys:*					
	91	------*Bars and rods*	kg				
	92	------*Profiles*	kg				
7407.29.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
74.08		**Copper wire.**					
		-Of refined copper:					

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7408.11		--Of which the maximum cross-sectional dimension exceeds 6mm					
7408.11.10	00	---Not coated or covered	kg	4.5%	4.5%	25%	3%
7408.11.20	00	---Coated or covered	kg	10%	10.2%	25%	6.5%
7408.19		--Other					
7408.19.10	00	---Not coated or covered	kg	4.5%	4.5%	25%	3%
7408.19.20	00	---Coated or covered	kg	10%	10.2%	25%	6.5%
		-Of copper alloys:					
7408.21		--Of copper-zinc base alloys (brass)					
7408.21.10	00	---Not coated or covered	kg	4.5%	4.5%	25%	3%
7408.21.20	00	---Coated or covered	kg	10%	10.2%	25%	6.5%
7408.22		--Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)					
7408.22.10	00	---Not coated or covered	kg	4.5%	4.5%	25%	3%
7408.22.20	00	---Coated or covered	kg	10%	10.2%	25%	6.5%
7408.29		--Other					
7408.29.10	00	---Not coated or covered	kg	4.5%	4.5%	25%	3%
7408.29.20	00	---Coated or covered	kg	10%	10.2%	25%	6.5%
74.09		**Copper plates, sheets and strip, of a thickness exceeding 0.15mm.**					
		-Of refined copper:					
7409.11		--In coils					
7409.11.10		---Unworked		4%	4%	10%	Free
	10	-----*Of a thickness exceeding 4.75mm*	kg				
		-----*Of a thickness exceeding 0.15mm but not exceeding 4.75mm:*					
	21	------*Of a width exceeding 508mm*	kg				
	22	------*Of a width not exceeding 508mm*	kg				
7409.11.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7409.19		--Other					
7409.19.10		---Unworked		4%	4%	10%	Free
	10	-----*Of a thickness exceeding 4.75mm*	kg				
		-----*Of a thickness exceeding 0.15mm but not exceeding 4.75mm:*					
	21	------*Of a width exceeding 508mm*	kg				
	22	------*Of a width not exceeding 508mm*	kg				
7409.19.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
		-Of copper-zinc base alloys (brass):					
7409.21		--In coils					
7409.21.10		---Unworked		4%	4%	25%	Free
	10	-----*Of a thickness exceeding 4.75mm*	kg				
		-----*Of a thickness exceeding 0.15mm but not exceeding 4.75mm:*					
	21	------*Of a width exceeding 508mm*	kg				
	22	------*Of a width not exceeding 508mm*	kg				
7409.21.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7409.29		--Other					
7409.29.10		---Unworked		4%	4%	25%	Free
	10	-----*Of a thickness exceeding 4.75mm*	kg				
		-----*Of a thickness exceeding 0.15mm but not exceeding 4.75mm:*					
	21	------*Of a width exceeding 508mm*	kg				
	22	------*Of a width not exceeding 508mm*	kg				
7409.29.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
		-Of copper-tin base alloys (bronze):					
7409.31		--In coils					
7409.31.10		---Unworked		4%	4%	25%	Free
	10	-----*Of a thickness exceeding 4.75mm*	kg				
		-----*Of a thickness exceeding 0.15mm but not exceeding 4.75mm:*					
	21	------*Of a width exceeding 508mm*	kg				
	22	------*Of a width not exceeding 508mm*	kg				
7409.31.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7409.39		--Other					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7409.39.10		---Unworked		4%	4%	25%	Free
	10	-----*Of a thickness exceeding 4.75mm*	kg				
		-----*Of a thickness exceeding 0.15mm but not exceeding 4.75mm:*					
	21	------*Of a width exceeding 508mm*	kg				
	22	------*Of a width not exceeding 508mm*	kg				
7409.39.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7409.40		-Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)					
		---Unworked:					
7409.40.11		----Copper-nickel base alloys (cupro-nickel)		4%	4%	25%	Free
	10	-----*Of a thickness exceeding 4.75mm*	kg				
		-----*Of a thickness exceeding 0.15mm but not exceeding 4.75mm:*					
	21	------*Of a width exceeding 508mm*	kg				
	22	------*Of a width not exceeding 508mm*	kg				
7409.40.12		----Copper-nickel-zinc base alloys (nickel-silver)		5%	6.8%	10%	4.5%
	10	-----*Of a thickness exceeding 4.75mm*	kg				
		-----*Of a thickness exceeding 0.15mm but not exceeding 4.75mm:*					
	21	------*Of a width exceeding 508mm*	kg				
	22	------*Of a width not exceeding 508mm*	kg				
7409.40.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7409.90		-Of other copper alloys					
7409.90.10		---Unworked		4%	4%	25%	Free
		-----*Of phosphor copper or phosphor bronze alloys:*					
	11	------*Of a thickness exceeding 4.75mm*	kg				
	12	------*Of a thickness exceeding 0.15mm but not exceeding 4.75mm and a width exceeding 508mm*	kg				
	13	------*Of a thickness exceeding 0.15mm but not exceeding 4.75mm and a width not exceeding 508mm*	kg				
		-----*Of copper beryllium alloys:*					
	21	------*Of a thickness exceeding 4.75mm*	kg				
	22	------*Of a thickness exceeding 0.15mm but not exceeding 4.75mm and a width exceeding 508mm*	kg				
	23	------*Of a thickness exceeding 0.15mm but not exceeding 4.75mm and a width not exceeding 508mm*	kg				
		-----*Of other alloys:*					
	91	------*Of a thickness exceeding 4.75mm*	kg				
	92	------*Of a thickness exceeding 0.15mm but not exceeding 4.75mm and a width exceeding 508mm*	kg				
	93	------*Of a thickness exceeding 0.15mm but not exceeding 4.75mm and a width not exceeding 508mm*	kg				
7409.90.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
74.10		**Copper foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0.15mm.**					
		-Not backed:					
7410.11		--Of refined copper					
7410.11.10	00	---Unworked	kg	4%	4%	10%	Free
7410.11.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7410.12		--Of copper alloys					
7410.12.10	00	---Unworked	kg	4%	4%	25%	Free
7410.12.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%

APPENDIX 1: (CONT.)

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
		-Backed:					
7410.21		--Of refined copper					
7410.21.10	00	---Unworked	kg	4%	4%	10%	Free
7410.21.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7410.22		--Of copper alloys					
7410.22.10	00	---Unworked	kg	4%	4%	25%	Free
7410.22.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
74.11		**Copper tubes and pipes.**					
7411.10		-Of refined copper					
7411.10.10		---Unworked		4%	4%	30%	Free
	10	-----*Welded*	kg				
	20	-----*Seamless*	kg				
	90	-----*Other*	kg				
7411.10.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
		-Of copper alloys:					
7411.21		--Of copper-zinc base alloys (brass)					
7411.21.10		---Unworked		4%	4%	30%	Free
	10	-----*Welded*	kg				
	20	-----*Seamless*	kg				
	90	-----*Other*	kg				
7411.21.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7411.22		--Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)					
7411.22.10		---Unworked		4%	4%	30%	Free
	10	-----*Welded*	kg				
	20	-----*Seamless*	kg				
	90	-----*Other*	kg				
7411.22.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
7411.29		--Other					
7411.29.10		---Unworked		4%	4%	30%	Free
	10	-----*Welded*	kg				
	20	-----*Seamless*	kg				
	90	-----*Other*	kg				
7411.29.20	00	---Worked	kg	10.2%	10.2%	30%	6.5%
74.12		**Copper tube or pipe fittings (for example, couplings, elbows, sleeves).**					
7412.10.00	00	-Of refined copper	-	10.2%	10.2%	30%	6.5%
7412.20.00		-Of copper alloys		10.2%	10.2%	30%	6.5%
	10	-----*Copper-zinc base alloys (brass)*	-				
	20	-----*Copper-tin base alloys (bronze)*	-				
	90	-----*Other*	-				
74.13							
7413.00.00		**Stranded wire, cables, plaited bands and the like, of copper, not electrically insulated**		10.2%	10.2%	25%	6.5%
		-----*Cable:*					
	11	------*Not alloyed*	kg				
	12	------*Alloyed*	kg				
	90	-----*Other*	kg				
74.14		**Cloth (including endless bands), grill and netting, of copper wire; expanded metal of copper.**					
7414.10.00	00	-Endless bands, for machinery	m^2	10.2%	10.2%	30%	6.5%
7414.90.00	00	-Other	kg	10.2%	10.2%	30%	6.5%

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
74.15		**Nails, tacks, drawing pins, staples (other than those of heading No. 83.05) and similar articles, of copper or of iron or steel with heads of copper; screws, bolts, nuts, screw hooks, rivets, cotters, cotter-pins, washers (including spring washers) and similar articles, of copper.**					
7415.10.00		-Nails and tacks, drawing pins, staples and similar articles		10.2%	10.2%	30%	6.5%
	10	-----*Nails*	kg				
	20	-----*Tacks*	kg				
	30	-----*Staples*	kg				
	90	-----*Other*	kg				
		-Other articles, not threaded:					
7415.21.00	00	--Washers (including spring washers)	-	10.2%	10.2%	30%	6.5%
7415.29.00		--Other		10.2%	10.2%	30%	6.5%
	10	-----*Rivets*	-				
	90	-----*Other*	-				
		-Other threaded articles:					
7415.31.00	00	--Screws for wood	-	10.2%	10.2%	35%	6.5%
7415.32.00		--Other screws; bolts and nuts		10.2%	10.2%	35%	6.5%
	10	-----*Screws*	-				
	20	-----*Bolts*	-				
	30	-----*Nuts*	-				
7415.39.00	00	--Other	-	10.2%	10.2%	30%	6.5%
74.16							
7416.00.00	00	**Copper springs**	-	10.2%	10.2%	30%	6.5%
74.17							
7417.00.00		**Cooking or heating apparatus of a kind used for domestic purposes, non-electric, and parts thereof, of copper**		12.5%	12.5%	30%	8%
	10	-----*Cooking apparatus and parts thereof*	No				
	20	-----*Heating apparatus and parts thereof*	No				
74.18		**Table, kitchen or other household articles and parts thereof, of copper; pot scourers and scouring or polishing pads, gloves and the like, of copper; sanitary ware and parts thereof, of copper.**					
7418.10.00		-Table, kitchen or other household articles and parts thereof; pot scourers and scouring or polishing pads, gloves and the like		10.2%	10.2%	45%	6.5%
	10	-----*Cooking utensils*	-				
	20	-----*Tableware*	-				
	90	-----*Other*	-				
7418.20.00	00	-Sanitary ware and parts thereof	-	10.2%	10.2%	45%	6.5%
74.19		**Other articles of copper.**					
7419.10.00	00	-Chain and parts thereof	-	10.2%	10.2%	30%	6.5%
		-Other:					
7419.91		--Cast, moulded, stamped or forged, but not further worked					

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7419.91.10	00	---Anodes for electro-plating..........	kg	Free	Free	10%	Free
7419.91.90		---Other..............................		10.2%	10.2%	40%	Free
		-----*Castings:*					
	11	------*Alloyed*..........................	kg				
	12	------*Not alloyed*......................	kg				
		-----*Forgings:*					
	21	------*Alloyed*..........................	kg				
	22	------*Not alloyed*......................	kg				
	30	-----*Mouldings or stampings*............	kg				
7419.99		--Other					
7419.99.10	00	---Anodes for electro-plating..........	kg	Free	Free	10%	Free
7419.99.20	00	---Caskets or coffins..................	No	15%	15%	25%	10%
7419.99.90		---Other...............................		10.2%	10.2%	30%	6.5%
	10	-----*Fabricated building components*.....	-				
	20	-----*Pole line hardware, including ground rods*....................	-				
	90	-----*Other*..............................	-				

CHAPTER 75

Nickel and Articles Thereof

A. Introduction

Proposed Chapter 75 incorporates, in whole or in part, 36 items of the Customs Tariff, as listed below:

34705-1	Materials ... (in manufacturing compounds of tungsten carbide)
35215-1	Screws of brass, copper or other metal, n.o.p.
*35410-1	Kitchen or household hollow-ware of nickel, n.o.p.
*35500-1	Nickel, and alloys ... n.o.p.
*35505-1	Rods containing 90 p.c. or more of nickel ... for spark plugs
*35510-1	Metal alloy strip ... 30 p.c. nickel, 12 p.c. chromium
*35515-1	Nickel, and alloys ... 60 p.c. or more of nickel, in powder form
35520-1	Nickel or nickel alloys ... other than ores
35525-1	Thermostatic metals ... of two or more layers of metals ...
35530-1	Metal alloy ingots ... not less than 40 p.c. of nickel ...
35535-1	Metal alloy rods, hot-rolled ... (for conveyor belts)
*35610-1	Nickel chromium ... for electric resistance wire
35800-1	Anodes of nickel, zinc, copper, silver or gold
36200-1	Articles ... of sterling or other silverware, n.o.p. ...
36215-1	Nickel-plated ware, gilt or electro-plated ware, n.o.p.
	Wire of all metals or alloys thereof, n.o.p.:
	Single, not coated or covered:
40121-1	Copper nickel
40122-1	Single, coated or covered
40956-1	Axles, belts and belting ... for agricultural machinery
43877-1	Materials ... for use in the manufacture of motor vehicles
44022-1	Manufactures of iron ... other base metals ... for ships, vessels
44059-1	Auxiliary power units ... for use in aircraft
44062-1	Hinges ... for civil aircraft
44110-1	All materials ... rough, unfinished ... for rifles
44200-1	Articles and materials ... manufacture of agricultural goods ...
44205-1	Materials ... not made ... for engines
44550-1	Materials ... manufacture of TV receiving sets, recorders ...
45310-1	Stampings of metal ... covered buckles and buttons
47000-1	Patterns of iron, steel, brass, or other metal, not being models
49220-1	Materials for use in the manufacture of goods petroleum industry
69605-1	Apparatus ... instruments ... for use ... in teaching or research ...
71100-1	All goods not enumerated in the schedule ...
*71100-5	Nickel and alloys, n.o.p.: angles, shapes and sections
84900-1	Goods which enter into the cost of manufacture of fertilizers ...
95002-1	All parts and accessories ... for use ... in automobiles ...
95004-1	All parts, and accessories ... original equipment in buses ...
95006-1	All parts, and accessories ... specified commercial vehicles ...

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* Indicates that goods under the present tariff item are classified only to this Chapter.

B. The Board's Analysis and Recommendations

The Board received one submission which expressed a general interest in Chapter 75. In its submission Canbro Inc. noted that two subdivisions of heading No. 75.04 were not necessary as import volumes of these products were not sufficient to warrant separate tariff lines. However, in order to maintain current rates of duty, the Board recommends that no change be made to the draft Schedule.

As a result of the Board's review of this Chapter, however, substantial changes are recommended to heading No. 75.05 "Nickel bars, rods, profiles and wire". This revision is necessary in order to carry forward into the HS certain existing definitions in the Customs Tariff which pertain to the classification of nickel wire and, indirectly, to other nickel or nickel alloy products, particularly rods.(1) It is noted that in the Customs Tariff nickel wire is defined as being "not over 0.50 inch in maximum cross-sectional dimension". However, in heading No. 75.05 of the draft Schedule, this existing one-half inch (i.e., 12.7 mm) definition is not included. With respect to bars, rods and profiles under this heading a corrigendum was issued, introducing several additional new subdivisions using the 12.7 mm cross-sectional criteria. This corrigendum is the basis for the restructuring of heading No. 75.05 as presented below. But further changes have also been made respecting nickel wire (subheading No. 7505.21) based on the 12.7 mm criterion. The amendments indicated also take into account that wire, under existing classification, can be "in coils" or "cut to length" whereas under HS classification, wire is such only if in coiled form. The Board recommends the following:

Delete from 7505.11.11.00 to 7505.22.20.00 and replace with the following:

			MFN Rate
7505.11.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%
7505.11.12.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm . .	kg	Free
7505.11.13.00	----Profiles	kg	5.5%
7505.12	--Of nickel alloys		
	---Bars and rods, unworked, containing by weight 60 % or more of nickel		
7505.12.11.00	----Of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%
7505.12.12.	----Of a maximum cross-sectional dimension exceeding 12.7 mm		Free
10	-----Nickel-chromium alloys	kg	
20	-----Nickel-copper alloys	kg	
30	-----Nickel-chromium iron alloys	kg	
90	-----Other	kg	

---

(1) In Chapters 74 and 76 similar changes have been made in order to maintain the size specification of wire of section 2.(1) of the Customs Tariff.

			MFN Rate
7505.12.20.	---Profiles, unworked		5.5%
10	-----Nickel-chromium alloys	kg	
20	-----Nickel-copper alloys	kg	
30	-----Nickel-chromium-iron alloys	kg	
90	-----Other	kg	
	---Bars and rods, unworked, containing by weight less than 60 % of nickel; bars, rods and profiles, worked		
7505.12.31.00	----Bars and rods, of a diameter not exceeding 19 mm in maximum cross-sectional dimension, containing by weight more than 50 % of nickel and more than 10 % of chromium, for use in the manufacture of electric resistance wire, strip or ribbon	kg	Free
7505.12.38.00	----Other bars and rods, unworked, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%
7505.12.39.	----Other bars and rods, unworked, of a maximum cross-sectional dimension exceeding 12.7 mm; other bars, rods and profiles, worked		10.2%
10	-----Nickel-chromium alloys	kg	
20	-----Nickel-copper alloys	kg	
30	-----Nickel-chromium-iron alloys	kg	
90	-----Other	kg	
	-Wire		
7505.21	--Of nickel, not alloyed		
	---Of a maximum cross-sectional dimension not exceeding 12.7 mm		
7505.21.11.00	----Not coated nor covered	kg	4.5%
7505.21.12.00	----Coated or covered	kg	10.2%
	---Of a maximum cross-sectional dimension exceeding 12.7 mm		
7505.21.21.00	----Not coated nor covered	kg	Free
7505.21.22.00	----Coated or covered	kg	10.2%
7505.22	--Of nickel alloys		
	---Of a maximum cross-sectional dimension not exceeding 12.7 mm		
7505.22.11.00	----Not coated nor covered	kg	4.5%
7505.22.12.00	----Coated or covered	kg	10.2%
	---Of a maximum cross-sectional dimension exceeding 12.7 mm, containing by weight 60 % or more of nickel		
7505.22.21.00	----Not coated nor covered	kg	Free
7505.22.22.00	----Coated or covered	kg	10.2%
7505.22.30.00	---Of a maximum cross-sectional dimension exceeding 12.7 mm, containing by weight less than 60 % of nickel	kg	10.2%

2.370

No changes are required to this Chapter respecting the implementation of the rate recommendations pursuant to Board Reference 159. Nomenclature changes as recommended by the Board are set forth in Table 75.1 which follows.

Table 75.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
7502.20.00.90	-----Other nickel alloys . . . . Autres alliages de nickel	3
7506.10.20.00	---Unworked, of a thickness not exceeding 0.15 mm; worked . . . . Non ouvrées, d'une épaisseur n'excédant pas 0,15 mm; ouvrées	4
7506.20.20	Renumber 7506.20.90. ---Other, unworked; worked . . . . Autres, non ouvrées; ouvrées	4
7506.20.20.10	Renumber 7506.20.90.10	4
7506.20.20.20	Renumber 7506.20.90.20	4
7506.20.20.21	Renumber 7506.20.90.21	4
7506.20.20.22	Renumber 7506.20.90.22	4
7506.20.20.23	Renumber 7506.20.90.23	4
7506.20.20.29	Renumber 7506.20.90.29	4
7507.11.10.00	---Tubes and pipes, seamless, unworked . . . . . Tubes et tuyaux, sans soudure, non ouvrées	2
7507.12.10	---Tubes and pipes, seamless, unworked, containing by weight 60 % or more of nickel . Tubes et tuyaux, sans soudure, non ouvrés, contenant en poids 60 % ou plus de nickel	2
7507.12.90	---Other tubes and pipes, of nickel alloys . . . Autres tubes et tuyaux, en alliages de nickel	3
7508.00.90	---Other articles of nickel . . . . Autres ouvrages en nickel	3

LEGAL NOTES RECOMMENDED BY THE BOARD

Chapter 75

NICKEL AND ARTICLES THEREOF

Legal Note. *

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Bars and rods**

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same form and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) **Profiles**

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) **Wire**

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) **Plates, sheets, strip and foil**

Flat-surfaced products (other than the unwrought products of heading No. 75.02), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal lenght and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading No. 75.06 applies, inter alia, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) Tubes and pipes

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole lenght, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Legal Note. *

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Nickel, not alloyed

Metal containing by weight at least 99 % of nickel plus cobalt, provided that:

(i) the cobalt content by weight does not exceed 1.5 %, and

(ii) the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

Element		Limiting content % by weight
Fe	Iron	0.5
O	Oxygen	0.4
Other elements, each		0.3

(b) Nickel alloys

Metallic substances in which nickel predominates by weight over each of the other elements provided that:

(i) the content by weight of cobalt exceeds 1.5 %,

(ii) the content by weight of at least one of the other elements shall be greater than the limited specified in the foregoing table, or

(iii) the total content by weight of elements other than nickel plus cobalt exceeds 1 %.

TABLE 75.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs			
			BP	MFN	Gen	GP
75.01	**Nickel mattes, nickel oxide sinters and other intermediate products of nickel metallurgy.**					
7501.10.00.00	-Nickel mattes	kg	Free	Free	Free	Free
7501.20.00.00	-Nickel oxide sinters and other intermediate products of nickel metallurgy	kg	Free	Free	Free	Free
75.02	**Unwrought nickel.**					
7502.10.00.	-Nickel, not alloyed		Free	Free	Free	Free
10	-----Anodes for electrolytic refining . . .	kg				
20	-----Cathodes	kg				
30	-----Ingots	kg				
40	-----Briquettes	kg				
50	-----Shot	kg				
90	-----Other	kg				
7502.20.00.	-Nickel alloys		Free	Free	25%	Free
10	-----Anodes for electrolytic refining . . .	kg				
20	-----Ingots	kg				
	-----Other nickel alloys					
91	------Nickel-copper alloys	kg				
99	------Other	kg				
75.03 **7503.00.00.00**	**Nickel waste and scrap**	kg	Free	Free	Free	Free
75.04	**Nickel powders and flakes.**					
7504.00.10.	---Powders, containing by weight 60 % or more of nickel		Free	Free	Free	Free
10	-----Not alloyed	kg				
20	-----Alloyed	kg				
7504.00.20.	---Powders, containing by weight less than 60 % of nickel; flakes		10.2%	10.2%	25%	6.5%
10	-----Powders	kg				
20	-----Flakes	kg				

*

TABLE 75.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
75.05	**Nickel bars, rods, profiles and wire.**						
	-Bars, rods and profiles						
7505.11	--Of nickel, not alloyed						
	---Unworked						
7505.11.11.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%	4.5%	25%	3%	*
7505.11.12.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm .	kg	Free	Free	Free	Free	*
7505.11.13.00	----Profiles	kg	5.5%	5.5%	25%	3.5%	*
7505.11.20.00	---Worked	kg	10.2%	10.2%	25%	6.5%	
7505.12	--Of nickel alloys						
	---Bars and rods, unworked, containing by weight 60 % or more of nickel						*
7505.12.11.00	----Of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%	4.5%	25%	3%	*
7505.12.12.	----Of a maximum cross-sectional dimension exceeding 12.7 mm		Free	Free	Free	Free	*
10	-----Nickel-chromium alloys	kg					*
20	-----Nickel-copper alloys	kg					*
30	-----Nickel-chromium-iron alloys	kg					*
90	-----Other	kg					*
7505.12.20.	---Profiles, unworked		5.5%	5.5%	25%	3.5%	
10	-----Nickel-chromium alloys	kg					
20	-----Nickel-copper alloys	kg					
30	-----Nickel-chromium-iron alloys	kg					
90	-----Other	kg					
	---Bars and rods, unworked, containing by weight less than 60 % of nickel; bars, rods and profiles, worked						
7505.12.31.00	----Bars and rods, of a diameter not exceeding 19 mm in maximum cross-sectional dimension, containing by weight more than 50 % of nickel and more than 10 % of chromium, for use in the manufacture of electric resistance wire, strip or ribbon	kg	Free	Free	Free	Free	*
7505.12.38.00	----Other bars and rods,unworked, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	4.5%	4.5%	25%	3%	*
7505.12.39.	----Other bars and rods, unworked, of a maximum cross-sectional dimension exceeding 12.7 mm; other bars, rods and profiles, worked		10.2%	10.2%	25%	6.5%	*
10	-----Nickel-chromium alloys	kg					
20	-----Nickel-copper alloys	kg					
30	-----Nickel-chromium-iron alloys	kg					
90	-----Other	kg					

TABLE 75.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
	-Wire						
7505.21	--Of nickel, not alloyed						
	---Of a maximum cross-sectional dimension not exceeding 12.7 mm						*
7505.21.11.00	----Not coated nor covered	kg	4.5%	4.5%	25%	3%	*
7505.21.12.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
	---Of a maximum cross-sectional dimension exceeding 12.7 mm						*
7505.21.21.00	----Not coated nor covered	kg	Free	Free	Free	Free	*
7505.21.22.00	----Coated or covered	kg	10.2%	10.2%	25%	6.5%	*
7505.22	--Of nickel alloys						
	---Of a maximum cross-sectional dimension not exceeding 12.7 mm						*
7505.22.11.00	----Not coated nor covered	kg	4.5%	4.5%	25%	3%	*
7505.22.12.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
	---Of a maximum cross-sectional dimension exceeding 12.7 mm, containing by weight 60 % or more of nickel						*
7505.22.21.00	----Not coated nor covered	kg	Free	Free	Free	Free	*
7505.22.22.00	----Coated or covered	kg	10.2%	10.2%	25%	6.5%	*
7505.22.30.00	---Of a maximum cross-sectional dimension exceeding 12.7 mm, containing by weight less than 60 % of nickel	kg	10.2%	10.2%	25%	6.5%	*
75.06	**Nickel plates, sheets, strip and foil.**						
7506.10	-Of nickel, not alloyed						
7506.10.10.00	---Unworked, of a thickness exceeding 0.15 mm	kg	Free	Free	Free	Free	
7506.10.20.00	---Unworked, of a thickness not exceeding 0.15 mm; worked	kg	10.2%	10.2%	25%	6.5%	*
7506.20	-Of nickel alloys						
7506.20.10.	---Unworked, of a thickness exceeding 0.15 mm, containing by weight 60 % or more of nickel		Free	Free	Free	Free	
10	-----Nickel-chromium alloys	kg					
20	-----Nickel-copper alloys	kg					
30	-----Nickel-chromium-iron alloys	kg					
90	-----Other	kg					
7506.20.90.	---Other, unworked; worked		10.2%	10.2%	25%	6.5%	*
10	-----Of a thickness not exceeding 0.15 mm	kg					*
	-----Of a thickness exceeding 0.15 mm						*
21	------Nickel-chromium alloys	kg					*
22	------Nickel-copper alloys	kg					*
23	------Nickel-chromium-iron alloys	kg					*
29	------Other	kg					*

TABLE 75.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
75.07	**Nickel tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves).**						
	-Tubes and pipes						
7507.11	--Of nickel, not alloyed						
7507.11.10.00	---Tubes and pipes, seamless, unworked . . .	kg	Free	Free	Free	Free	*
7507.11.90.00	---Other	kg	10.2%	10.2%	25%	6.5%	
7507.12	--Of nickel alloys						
7507.12.10.	---Tubes and pipes, seamless, unworked, containing by weight 80 % or more of nickel		Free	Free	Free	Free	*
10	-----Nickel-chromium alloys	kg					
20	-----Nickel-copper alloys	kg					
30	-----Nickel-chromium-iron alloys	kg					
90	-----Other	kg					
7507.12.90.	---Other tubes and pipes, of nickel alloys .		10.2%	10.2%	25%	6.5%	*
	-----Welded						
11	------Nickel-chromium alloys	kg					
12	------Nickel-copper alloys	kg					
13	------Nickel-chromium-iron alloys	kg					
19	------Other	kg					
	-----Seamless						
21	------Nickel-chromium alloys	kg					
22	------Nickel-copper alloys	kg					
23	------Nickel-chromium-iron alloys.	kg					
29	------Other	kg					
90	-----Other	kg					
7507.20.00.00	-Tube or pipe fittings	-	10.2%	10.2%	25%	6.5%	
75.08	**Other articles of nickel.**						
7508.00.10.00	---Anodes for electro-plating	kg	Free	Free	10%	Free	
7508.00.20.	---Coated or plated with silver, provided that the silver content is less than 2 %		11%	11%	45%	7%	
10	-----Tableware	-					
90	-----Other	-					
7508.00.90.	--Other articles of nickel		10.2%	10.2%	45%	6.5%	*
10	-----Cloth, grill or netting	kg					
20	-----Bolts, nuts, washers, screws	kg					
30	-----Castings	kg					
90	-----Other	kg					

CHAPTER 75

APPENDIX

Chapter 75

NICKEL AND ARTICLES THEREOF

Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Bars and rods**

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) **Profiles**

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) **Wire**

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) **Plates, sheets, strip and foil**

Flat-surfaced products (other than the unwrought products of heading No. 75.02), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading No. 75.06 applies, *inter alia*, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) Tubes and pipes

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular, or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Nickel, not alloyed

Metal containing by weight at least 99% of nickel plus cobalt, provided that:

(i) the cobalt content by weight does not exceed 1.5%, and

(ii) the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

	Element	Limiting content % by weight
Fe	Iron	0.5
O	Oxygen	0.4
Other elements, each		0.3

(b) Nickel alloys

Metallic substances in which nickel predominates by weight over each of the other elements provided that:

(i) the content by weight of cobalt exceeds 1.5%,

(ii) the content by weight of at least one of the other elements shall be greater than the limit specified in the foregoing table, or

(iii) the total content by weight of elements other than nickel plus cobalt exceeds 1%.

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
75.01		**Nickel mattes, nickel oxide sinters and other intermediate products of nickel metallurgy.**					
7501.10.00	00	-Nickel mattes	kg	Free	Free	Free	Free
7501.20.00	00	-Nickel oxide sinters and other intermediate products of nickel metallurgy	kg	Free	Free	Free	Free
75.02		**Unwrought nickel.**					
7502.10.00		-Nickel, not alloyed		Free	Free	Free	Free
	10	-----*Anodes for electrolytic refining*	kg				
	20	-----*Cathodes*	kg				
	30	-----*Ingots*	kg				
	40	-----*Briquettes*	kg				
	50	-----*Shot*	kg				
	90	-----*Other*	kg				
7502.20.00		-Nickel alloys		Free	Free	25%	Free
	10	-----*Anodes for electrolytic refining*	kg				
	20	-----*Ingots*	kg				
		-----*Other:*					
	91	------*Nickel-copper alloys*	kg				
	99	------*Other*	kg				
75.03							
7503.00.00	**00**	**Nickel waste and scrap**	kg	Free	Free	Free	Free
75.04							
7504.00		**Nickel powders and flakes.**					
7504.00.10		---Powders, containing by weight 60% or more of nickel		Free	Free	Free	Free
	10	-----*Not alloyed*	kg				
	20	-----*Alloyed*	kg				
7504.00.20		---Powders, containing by weight less than 60% of nickel; flakes		10.2%	10.2%	25%	6.5%
	10	-----*Powders*	kg				
	20	-----*Flakes*	kg				
75.05		**Nickel bars, rods, profiles and wire.**					
		-Bars, rods and profiles:					
7505.11		--Of nickel, not alloyed					
		---Unworked:					
7505.11.11	00	----Bars and rods	kg	Free	Free	Free	Free
7505.11.12	00	----Profiles	kg	5.5%	5.5%	25%	3.5%
7505.11.20	00	---Worked	kg	10.2%	10.2%	25%	6.5%
7505.12		--Of nickel alloys					
7505.12.10		---Unworked bars and rods, containing by weight 60% or more of nickel		Free	Free	Free	Free
	10	-----*Nickel-chromium alloys*	kg				
	20	-----*Nickel-copper alloys*	kg				
	30	-----*Nickel-chromium-iron alloys*	kg				
	90	-----*Other*	kg				
7505.12.20		---Unworked profiles		5.5%	5.5%	25%	3.5%
	10	-----*Nickel-chromium alloys*	kg				
	20	-----*Nickel-copper alloys*	kg				
	30	-----*Nickel-chromium-iron alloys*	kg				
	90	-----*Other*	kg				

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
		---Bars and rods, containing by weight less than 60% of nickel; worked bars, rods and profiles:					
7505.12.31	00	----Bars and rods, not more than 19mm in diameter, containing by weight more than 50% of nickel and more than 10% of chromium, for use in the manufacture of electric resistance wire, strip or ribbon....	kg	Free	Free	Free	Free
7505.12.39		----Other...............................		10.2%	10.2%	25%	6.5%
	10	*-----Nickel-chromium alloys............*	kg				
	20	*-----Nickel-copper alloys..............*	kg				
	30	*-----Nickel-chromium-iron alloys........*	kg				
	90	*-----Other...........................*	kg				
		-Wire:					
7505.21		--Of nickel, not alloyed					
7505.21.10	00	---Not coated or covered................	kg	4.5%	4.5%	25%	3%
7505.21.20	00	---Coated or covered....................	kg	10%	10.2%	25%	6.5%
7505.22		--Of nickel alloys					
7505.22.10	00	---Not coated or covered................	kg	4.5%	4.5%	25%	3%
7505.22.20	00	---Coated or covered....................	kg	10%	10.2%	25%	6.5%
75.06		**Nickel plates, sheets, strip and foil.**					
7506.10		-Of nickel, not alloyed					
7506.10.10	00	---Unworked, of a thickness exceeding 0.15mm................................	kg	Free	Free	Free	Free
7506.10.20	00	---Worked, of a thickness exceeding 0.15mm; products of a thickness not exceeding 0.15mm...................	kg	10.2%	10.2%	25%	6.5%
7506.20		-Of nickel alloys					
7506.20.10		---Unworked, of a thickness exceeding 0.15mm, containing by weight 60% or more of nickel.......................		Free	Free	Free	Free
	10	*-----Nickel-chromium alloys............*	kg				
	20	*-----Nickel-copper alloys..............*	kg				
	30	*-----Nickel-chromium-iron alloys........*	kg				
	90	*-----Other...........................*	kg				
7506.20.20		---Products of a thickness exceeding 0.15mm, containing by weight less than 60% of nickel; worked products of a thickness exceeding 0.15mm; products of a thickness not exceeding 0.15mm.....................		10.2%	10.2%	25%	6.5%
	10	*-----Of a thickness not exceeding 0.15mm*	kg				
		-----Of a thickness exceeding 0.15mm:					
	21	*------Nickel-chromium alloys............*	kg				
	22	*------Nickel-copper alloys..............*	kg				
	23	*------Nickel-chromium-iron alloys.......*	kg				
	29	*------Other...........................*	kg				
75.07		**Nickel tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves).**					
		-Tubes and pipes:					
7507.11		--Of nickel, not alloyed					
7507.11.10	00	---Unworked seamless tube...............	kg	Free	Free	Free	Free
7507.11.90	00	---Other................................	kg	10.2%	10.2%	25%	6.5%
7507.12		--Of nickel alloys					
7507.12.10		---Unworked seamless tube, containing by weight 60% or more of nickel......		Free	Free	Free	Free
	10	*-----Nickel-chromium alloys............*	kg				
	20	*-----Nickel-copper alloys..............*	kg				
	30	*-----Nickel-chromium-iron alloys........*	kg				
	90	*-----Other...........................*	kg				

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7507.12.90		---Other...............................		10.2%	10.2%	25%	6.5%
		-----*Welded:*					
	11	------*Nickel-chromium alloys*............	kg				
	12	------*Nickel-copper alloys*..............	kg				
	13	------*Nickel-chromium-iron alloys*.......	kg				
	19	------*Other*............................	kg				
		-----*Seamless:*					
	21	------*Nickel-chromium alloys*............	kg				
	22	------*Nickel-copper alloys*..............	kg				
	23	------*Nickel-chromium-iron alloys*.......	kg				
	29	------*Other*............................	kg				
	90	-----*Other*.............................	kg				
7507.20.00	00	-Tube or pipe fittings.................	-	10.2%	10.2%	25%	6.5%
75.08							
7508.00		**Other articles of nickel.**					
7508.00.10	00	---Anodes for electro-plating..........	kg	Free	Free	10%	Free
7508.00.20		---Coated or plated with silver, provided that the silver content is less than 2%..........		11%	11%	45%	7%
	10	-----*Tableware*.........................	-				
	90	-----*Other*.............................	-				
7508.00.90		---Other................................		10.2%	10.2%	45%	6.5%
	10	-----*Cloth, grill or netting*............	kg				
	20	-----*Bolts, nuts, washers, screws*.......	kg				
	30	-----*Castings*..........................	kg				
	90	-----*Other*.............................	kg				

CHAPTER 76

Aluminum and Articles Thereof

A. Introduction

Proposed Chapter 76 incorporates, in whole or in part, 65 items of the Customs Tariff, as listed below:

17900-1	Labels ... shipping, price or other tags, tickets or labels ...
28900-1	Baths ... basins, closets ... lavatories, urinals, sinks ... n.o.p.
34705-1	Materials (for mfr.) of sintered hard metal compounds ...
35215-1	Screws of brass, copper or other metal, n.o.p.
	Aluminum and alloy thereof:
*35301-1	Pigs, ingots, blocks ... slabs, billets, blooms ...
*35302-1	Bars, rods, plates, sheets, strips, circles ...
*35303-1	Angles, channels, beams, tees ...
*35305-1	Pipes and tubes
*35306-1	Leaf, n.o.p., or foil, less than .005 in. thick ...
*35307-1	Aluminum powder
*35308-1	Leaf, less than .005 mm in thickness
*35309-1	Aluminum scrap
*35310-1	Granules ... for use in mfr. of cleaning compounds
*35318-1	Aluminum alloy sheet ... for use in mfr. of pull tab ends for pop cans
*35325-1	Aluminum alloy sheet ... for use in mfr. of offset printing plates
*35330-1	Aluminum alloy rods ... for use as ... master alloys
35400-1	Manufactures of aluminum, n.o.p.
*35405-1	Kitchen or household hollow-ware of aluminum, n.o.p.
*35415-1	Aluminum alloy wire ... for use in the mfr. of wire ...
*35420-1	Sheet of aluminum ... for use in the mfr. of cans for fish products
35425-1	Blank aluminum recording disks ... for use in master matrices ...
*35430-1	Discs of copper ... for ... manufacture of cookware
*35435-1	Aluminum alloy treadplates ... for use in the mfr. of dockboards ...
*35440-1	Aluminum alloy sheet ... for use in ... food and beverage cans ...
*35445-1	Aluminum alloy treadplate ... for use in the mfr. of wheelchair ramps
35525-1	Thermostatic metals ... for use in Canadian manufactures
36215-1	Nickel-plated ware, gilt or electro-plated ware, n.o.p.
*38211-1	Sheet ... of aluminum, clad with stainless steel, for mfr. of cookware
	Wire of all metals or alloys thereof, n.o.p.:
	Single, not coated or covered:
40121-2	N.o.p.
40122-1	Single, coated or covered
40123-1	Twisted, braided ... including cable, rope and strand
*40170-1	Aluminum alloy wire ... for use in ... rivets, nuts, bolts or screws
40180-1	Wire, strip and tape ... for use in the mfr. of coaxial cables
40956-1	Parts ... for use with goods entitled to entry under ...
40958-1	Articles ... for use in ... storing and insemination of animal semen
42732-1	Machinery and apparatus for dairying purposes ... parts ... foregoing
*43866-1	Aluminum alloy sheet ... for use in the mfr. of bumper supports ...
43877-1	Materials...not made...for use in...autos, buses, trucks, etc. ...

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* Indicates that goods under the present tariff item are classified only to this Chapter.

44022-1	Mrfs. of iron, brass, or other metal ... for ... ships or vessels ...
44059-1	Parts ... not made ... for use in aircraft ... and parts ...
44062-1	Goods ... for use in mfr., repair, etc. ... of civil aircraft ...
44110-1	All materials or parts ... to be used in the mfr. of rifles ...
44200-1	Articles and materials ... for use in the mfr. of (specified) goods...
44205-1	Materials and parts of metal, not made ... for use in the mfr. of ...
44550-1	Items ... for use in the mfr. of goods enumerated ...
44566-1	Aluminum foil ... for use in the mfr. of electrolytic capacitors
44570-1	Articles ... for use in carrier-current communications apparatus ...
44578-1	Aluminum foil ... for use in the mfr. of liquid-filled capacitors
44585-1	Parts and materials for use in the mfr. of electric lamps ...
	Pins manufactured from wire of any metal:
45116-1	N.o.p.
45310-1	Stampings ... for use in the mfr. of covered buckles and buttons
47000-1	Patterns of iron, steel, brass or other metal, not being models
49220-1	Materials for use in the mfr. of the goods specified ...
51600-1	Blinds of wood, metal or other material ...
51700-1	Wire screens, wire doors and wire windows
69605-1	Apparatus, not made, for use in teaching or research, exhibition, etc.
69615-1	Moving picture films ... of an educational character ...
69905-1	Identification bands of metal for banding migratory birds
71001-1	Usual coverings, containing free goods only ...
71002-1	Usual coverings containing goods subject to ad valorem duties
71003-1	Coverings included in the invoice value of the goods they contain
84900-1	Goods which enter into the cost of manufacture of fertilizer ...
85400-1	Materials ... entering into the cost of calcium cyanide, etc.
95002-1	All parts and accessories of autos when imported by OEM
95004-1	All parts, and accessories ... original equipment in buses ...
95006-1	All parts and accessories of commercial vehicles ...

B. The Board's Analysis and Recommendations

Submissions concerning this Chapter were received from The Aluminum Company of Canada (Alcan), Reynolds Aluminum Company of Canada (Reynolds), Canbro Inc. (Canbro) and The Canadian Textiles Institute (CTI). As a result of these briefs and the problems respecting conversion to the HS which were brought to the Board's attention, a number of changes are recommended to the structure of Chapter 76 as received.

Alcan presented a detailed brief regarding this Chapter in which it reviewed several areas of concern resulting from the terminology and definitions found in the Section XV Notes covering base metals and articles thereof and in the Chapter Notes for Chapter 76.

This submission expressed concern with Supplementary Note 1 (b) in Section XV and which, in the context of Chapter 76, defines the term "unworked" in relation to aluminum plates, sheets, strip and foil. Alcan maintained that the Note was restrictive in that "unworked" flat-surfaced products could not be processed further than "beyond the condition as from the rolling mill ...". Further, it was contended that the application of Note 1 (b) would result in an interpretation more restrictive than now applying under the present customs treatment, where such operations as levelling, cutting-to-size, edge trimming, and slitting do not constitute processes which alter the basic condition of aluminum flat products as they emerge from the rolling mill. The Board notes that the term "unworked" is found in a number of tariff lines in Chapter 76 and that ambiguity or interpretational changes relating to this term will significantly impact upon the classification of certain aluminum products. Accordingly, the Board recommends that the following definition, as Canadian Legal Note 1(b), be added to Chapter 76:

1. In this Chapter the expression "unworked" means:

   (b) When referring to plates, sheets, strip and foil, products which have not been processed beyond the rolling mill except by heat treating, levelling, edge trimming, slitting, cutting-to-size, surface cleaning or lubricating.

In the Board's view, this above change would rectify the problems pointed out by the company and, as well, would bring classification under the HS more into alignment with existing Customs Tariff definitions and administration.

Alcan also proposed that Supplementary Note 1(c) to Section XV, which pertains to tubes or pipes, be re-drafted with a view to consistency with Note 1 (b) as revised. Although classification of these hollow products in Chapter 76 (heading No. 76.08) is not determined by the use of the term "unworked", to reduce possible ambiguity and for consistency the Board recommends also that the definition following be introduced as part of a new Canadian Legal Note to Chapter 76:

(c) When referring to tubes or pipes, products which, except for heat treating, straightening and cutting-to-length, have not been further processed than drawn, extruded or seam welded.

The above changes recommended for the definition of the term "unworked", would form part of a special Canadian Legal Note added to the Notes for Chapter 76. The existing Supplementary Note found in Section XV would be retained and would continue to apply, Chapter 76 excepted, to all other Chapters comprising this Section.

The Alcan submission also addressed certain inconsistencies arising from the term "unwrought" as it applies to aluminum (heading No. 76.01) compared to somewhat different processes used for other base metals, particularly copper. It was noted that "unwrought" was not defined in the Section XV Notes but that in the Explanatory Notes for heading No. 76.01 certain guidelines pertain, which however, are oriented to methods of copper production. Alcan believes that a classification of "unwrought" as it pertains to aluminum more specifically is essential, either in a Note to Chapter 76 or in a Note to Section XV. The Board concurs and recommends the following addition as a further Canadian Legal Note to Chapter 76:

2. In this Chapter the expression "unwrought" means forms which may be simply cut-to-length for shipping or to make the metal suitable for further processing. It also includes scalping or descaling surfaces to prepare them for rolling, extrusion or forging.

As a result of further analysis of this Chapter, in conjunction with several other problems pointed out by Alcan, it is apparent that there are basic and related inconsistencies now pertaining to draft heading Nos. 76.04 (Aluminum bars, rods and profiles) and 76.05 (Aluminum wire). In the existing Customs Tariff, section 2 contains a precise definition of aluminum wire whereby this product is "not over 0.50 inch in maximum cross-sectional dimension".(1) However, in heading No. 76.05 covering aluminum wire no reference is made to this one-half inch (12.7 mm) dividing line. This dimensional criterion is also important to the way in which rods are classified in heading No. 76.04. There are other differences, moreover, as to the basis of classification used in the present Customs Tariff, compared to the HS, which relate to the definition of "wire" versus "rod". Further, there is a more specific problem respecting the classification of the product known as "wire rod", and some question as to the use of a trade weighted average in deriving certain rates shown under heading No. 76.04.

With regard to heading No. 76.04, corrigenda were issued for this Chapter. The re-structuring given below shows recommended changes to this heading pursuant to such corrigenda which introduce new sub-divisions based on the existing one-half inch or 12.7 mm definition. Other amendments have also been made:

Delete from 7604.10.10 to 7604.29.20.29 and replace with the following:

			MFN Rate
	---Unworked		
7604.10.11.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm	kg	2.1%
7604.10.12.	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm; profiles		8%
10	-----Bars and rods	kg	
	-----Profiles		
21	------Angles	kg	
22	------Beams	kg	
23	------Channels	kg	
24	------Tees	kg	
29	------Other	kg	
	---Worked		
7604.10.21.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	10.2%
7604.10.22.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles	kg	10.3%(2)

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(1) See Customs Tariff Act, section 2 (Definitions), page 2.

(2) Reflects the recent revision to 10.3 p.c., pursuant to Reference 159, of the rate for tariff item 35400-1.

			MFN Rate
	-Of aluminum alloys		
7604.21	--Hollow profiles		
7604.21.10.00	---Unworked	kg	8%
7604.21.20.00	---Worked	kg	10.3%(1)
7604.29	--Other		
	---Unworked		
7604.29.11.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm	kg	2.1%
7604.29.12.	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm; profiles		8%
10	-----Bars and rods	kg	
	-----Profiles		
21	------Angles	kg	
22	------Beams	kg	
23	------Channels	kg	
24	------Tees	kg	
29	------Other	kg	
	---Worked		
7604.29.21.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	10.2%
7604.29.22.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles	kg	10.3%(1)

The effect of the above changes is to bring forward into heading No. 76.04 the present criterion of 12.7 mm which in some instances distinguishes "rods" (76.04) from "wire" (76.05).(2) These amendments would introduce into heading No. 76.04 the existing rate of 8 p.c. applying to certain forms of aluminum "rod" entered under tariff item 40121-2.

The Board has incorporated further changes into the above revisions. According to Alcan and other industry sources, "wire rod" product is always in coils. However, the Chapter Notes to Chapter 76 define rods as being "not in coils". The above re-structuring deletes those lines in heading No. 76.04 which cover wire rod, with this product consequently falling more properly under heading No. 76.05 as being wire.

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(1) Reflects the recent revision to 10.3 p.c., pursuant to Reference 159, of the rate for tariff item 35400-1.

(2) Under present treatment, aluminum wire, if cut-to-length and under one-half inch in diameter, is classified to existing tariff item 40121-2 at 8 p.c. In the HS, wire is only such if "in coils"; thus some forms of wire now dutiable at 8 p.c. would become dutiable in Chapter 76 as received, as "rod" at the lower rate of 2.1%.

Following the above revisions to heading No. 76.04, the changes to heading No. 76.05, which are closely related, can be considered. The Board recommends similar amendments to introduce, for aluminum wire in this instance, the definition now in the present Customs Tariff which limits "wire" to not more than one-half inch (12.7 mm) in diameter. The 7 mm diameter specification already found in heading No. 76.05 would necessarily be retained as it forms part of the HS international convention; however, the rate of 2.1 p.c. would be introduced to cover wire of a diameter exceeding 12.7 mm to carry forward the rate now applying to such goods under present tariff item 35302-1 with the following effect:

			MFN Rate
76.05	Aluminum, wire		
	-Of aluminum, not alloyed		
7605.11	--Of which the maximum cross-sectional dimension exceeds 7 mm		
	---Exceeding 7 mm but not exceeding 12.7 mm		
7605.11.11.00	----Not coated nor covered	kg	8%
7605.11.12.00	----Coated or covered	kg	10.2%
	---Exceeding 12.7 mm		
7605.11.21.00	----Not coated nor covered	kg	2.1%
7605.11.22.00	----Coated or covered	kg	10.3%(1)
7605.19	--Other		
7605.19.10.00	---Not coated nor covered	kg	8%
7605.19.20.00	---Coated or covered	kg	10.2%
	-Of aluminum alloys		
7605.21	--Of which the maximum cross-sectional dimension exceeds 7 mm		
	---Exceeding 7 mm but not exceeding 12.7 mm		
7605.21.11.00	----Not coated nor covered	kg	8%
7605.21.12.00	----Coated or covered	kg	10.2%
	---Exceeding 12.7 mm		
7605.21.21.00	----Not coated nor covered	kg	2.1%
7605.21.22.00	----Coated or covered	kg	10.3%(1)
7605.29	--Other		
7605.29.10.00	---Not coated nor covered	kg	8%
7605.29.20.00	---Coated or covered	kg	10.2%

Further, Alcan felt unclear as to why "busbars"(2) were individually identified for statistical purposes under heading No. 76.16 (Other articles of aluminum). It was observed that busbars take numerous forms and could as well enter under other preceding headings in Chapter 76 or otherwise under other Chapters, e.g., 82 or 83. The Board agrees and recommends, as a minor change, that the statistical line, 7616.90.90.20, for busbars be deleted.

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(1) Reflects the recent revision to 10.3 p.c., pursuant to Reference 159, of the rate for tariff item 35400-1.

(2) Busbars consist of bars/rods used, in buses, as electrical conductors to connect circuits.

The Board was not able to respond to all of the areas of concern indicated by Alcan. The company appears to be correct in pointing out that a possible conflict exists between Legal Note 1(a) to Chapter 76 compared to the Explanatory Notes for heading No. 76.04. The Chapter Notes specify that bars, rods or profiles must have a uniform cross-section "along their whole length" whereas the Explanatory Notes, based on copper products, appear to permit processes which would result in a non-uniform cross-section e.g., drilling, notching or crimping ends. As it is not within its mandate to propose changes to the Chapter or Explanatory Notes of the HS, the Board brings this problem to the Minister's attention. Because the Legal Chapter Notes take precedence, it is suggested that the relevant Explanatory Notes be revised to improve clarity.(1)

In this context, the Board's recommended revisions respecting heading Nos. 76.04 and 76.05, together with the recommended introduction of new Chapter Notes, would resolve most of the problems discussed by Alcan. But the Board is unable to adopt in full Alcan's proposals for heading No. 76.04 which envisaged the dropping of the terms "unworked" and "worked" and the introduction of breakouts based on the phrase "surface treated". That would be a major re-structuring not warranted by an apparent inconsistency resulting from certain Explanatory Notes. Further, the term "surface treated", is not defined in the Customs Tariff.

Also noted is the company's contention that a classification problem existed concerning the term "rectangular" in Chapter Note 1 (d). Alcan suggested that a Canadian Legal Note could be added to qualify this term in that its uncropped, coiled, aluminum sheet might not be classified as "rectangular" but as "other". The Board has investigated this matter and has been informed that the products in question would be determined as rectangular despite minor dimensional variation arising from the production process. Leaving the ends of aluminum sheet uncropped would thus not alter the basic definition of "rectangular". While recognizing Alcan's concern, the Board thus did not feel it sufficiently serious to justify the changes required, which would probably involve further breakouts under heading No. 76.06.

In the submission of Reynolds, concerns were expressed regarding aluminum foil labels, foil and semi-rigid containers.

Reynolds' view was that, whereas labels of aluminum foil at present are classified to tariff item 17900-1 at 11.3 p.c., such labels at least in part would, in Chapter 76, become dutiable at the MFN rate of 10.2%, under tariff line 7616.90.90. Reynolds considered the decrease in tariff protection indicated, of 1.1 p.c., to be significant. It is noted that aluminum foil labels would for the most part be classified in the HS to other Chapters with no rate change, e.g., under heading No. 83.10; however, some uncertainty appears to exist and some forms of these labels might, as contended, fall under Chapter 76. To ensure that similar products receive the same, and unchanged, rates of duty, the Board recommends the following additional tariff line under heading No. 76.16:

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(1) Explanatory Notes for heading No. 74.07, which apply mutatis mutandis to heading No. 76.04, do not make it clear whether certain processes mentioned (e.g., drilling, punching, twisting or crimping) cover all products under heading No. 76.04 or only "profiles".

			MFN Rate
7616.90.20.00	---Labels, whether or not printed	-	11.3%

Reynolds' submission also contended that aluminum foil (heading No. 76.07) when "backed" would necessarily have to be considered as "worked". There is thus an anomaly in subheading No. 7607.20 in that "unworked" foil cannot comprise a category under the term "backed". To clarify this ambiguity requires some revisions to heading No. 76.07. Furthermore, as a result of additional information obtained respecting classification decisions, printed aluminum foil, whether or not backed, is classified under tariff item 18100-1 as being "printed matter, n.o.p." at 12.2 p.c. MFN. Changes to the structure of heading No. 76.07 require more clarity as to the classification of foil when further processed by printing. The Board accordingly recommends the restructuring of heading No. 76.07 as follows:

Delete from 7607.11 to 7607.20.20.00 and replace with the following:

			MFN Rate
	-Not backed		
7607.11	--Rolled but not further worked		
7607.11.10.00	---Of a thickness of less than 0.005 mm ...	kg	Free
7607.11.20.00	---Of a thickness of 0.005 mm or more but less than 0.127 mm	kg	9.2%
7607.11.30.00	---Of a thickness of 0.127 mm or more	kg	2.1%
7607.19	--Other		
7607.19.10.00	---Of a thickness of less than 0.127 mm, embossed	kg	9.2%
	---Other		
7607.19.91.00	----Printed	kg	12.2%
7607.19.99.00	----Other	kg	10.3%(1)
7607.20	-Backed		
7607.20.10.00	---Of a thickness of less than 0.127 mm, embossed, not printed	kg	9.2%
	---Other		
7607.20.91.00	----Printed	kg	12.2%
7607.20.99.00	----Other	kg	10.3%(1)

In the revisions shown above, the existing rate of 12.2 p.c. applicable to aluminum foil, if printed, would be specified whether or not backed; also, the somewhat lower rate (9.2%) for foil if embossed, would be preserved. A condensing of some of the lines shown in the draft Schedule, under subheading No. 7607.20, can also be effected with reference to the specific dimensions and form given in present tariff item 35306-1.

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(1) Revised recently from 10.2 p.c. pursuant to Reference 159.

Reynolds also requested that a separate breakout be made for the semi-rigid aluminum containers typically used by food product manufacturers. The company felt that "the lack of a proper statistical item for these goods" should be addressed. The Board considers this addition to be well justified and recommends that a new statistical line be added under heading No. 76.15 (See Table 76.1).

The submission presented by Canbro dealt also, in part, with Chapter 76. Canbro sought a broadening of the categories under heading No. 76.03 in order to permit the collection of more complete statistical information. That proposal would not involve any change in rates and would be more consistent with the Schedule shown in other Chapters respecting metallic powders (heading No. 74.06). The Board accordingly recommends a revision to heading No. 76.03 which would introduce new statistical break-outs (See Table 76.1).

Canbro also noted that it, and other Canadian manufacturers, produce aluminum in the form of "grain". However, this term is not defined in the draft Schedule nor in the Explanatory Notes. Therefore, some ambiguity arises as to how aluminum grain would be classified. This product is best described as a coarse powder of aluminum alloy, but it is frequently not sufficiently fine to be considered as a powder as so defined in the HS. Specifically, grain would usually not meet the criteria set forth in Note 6(b) to Section XV which states that metal powders are "products of which 90% or more by weight passes through a sieve having a mesh aperture of 1 mm". Because of its coarseness, aluminum grain would for the most part thus be classified as "unwrought aluminum" under heading No. 76.01 and, to clarify tariff treatment, the Board considered it desirable to add a tariff line specifying "grain" under this heading at the present rate of 10.3 p.c. MFN. To the extent that aluminum grain meets the definition of powder it would be classified under heading No. 76.03. The Board's recommendation is set forth below:

			MFN Rate
Delete the rates of duty under 7601.20.00 and add the following:			
7601.20.10.00	---Grain	kg	10.3%
7601.20.90.	---Other		Free

The remaining submission dealing with this Chapter, that of the Canadian Textiles Institute, was concerned with certain present tariff items which are concorded to 7616.90.90.30 "wire cloth, screening or screen products". With reference to tariff items 43877-1, 44200-1, 49220-1, 69605-1 and 84900-1, the Institute felt that goods now entering under these tariff items would lose their duty free status unless provisions were made in the Annex. The Board notes that four of the above existing items(1) are either in the Annex as received or will be provided for in the revised Annex with their concessionary rates. The Institute indicated a further concern with respect to aluminum rod under present tariff item 35415-1 (aluminum alloy wire ... for use in the manufacture of wire ...). This is a temporary item and its extension or permanent status in the Customs Tariff is not within the Board's mandate. The Institute's request that the free rate under tariff item 35415-1 be preserved is, however, brought to the attention of the Minister.

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(1) Tariff item 43877-1 is a temporary item; these items are not included in the mandate of Reference 163.

By recent rate revisions, implemented pursuant to Reference 159, the MFN rates pertaining to two present tariff items concorded to Chapter 76 were increased slightly. The rate for tariff item 28900-1 was adjusted from 11.3 p.c. to 11.4 p.c. and that for tariff item 35400-1 was revised from 10.2 p.c. to 10.3 p.c. The Board recommends that the following tariff lines in Chapter 76 be changed accordingly where they have not already been revised. With one exception all of the following changes relate to tariff item 35400-1:

HS Item	MFN Rate	HS Item	MFN Rate
7603.20.20.00	10.3%	7612.10.00.00	10.3%
7606.11.20	10.3%	7612.90.00.00	10.3%
7606.12.29	10.3%	7613.00.00	10.3%
7606.91.90	10.3%	7615.10.00	10.3%
7606.92.90	10.3%	7615.20.10.00	11.4%
7609.00.00.00	10.3%	7615.20.90.00	10.3%
7610.10.00	10.3%	7616.10.00	10.3%
7610.90.00	10.3%	7616.90.90	10.3%
7611.00.90.00	10.3%		

In addition to the introduction of certain Legal Notes pertaining to this Chapter and to the other revisions as discussed, the Board also recommends a number of other nomenclature amendments which are indicated in Table 76.1.

Table 76.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
7601.20.00.10	Renumber 7601.20.90.10	6
7601.20.00.20	Renumber 7601.20.90.20	6
7601.20.00.30	Renumber 7601.20.90.30	6
7601.20.00.40	Renumber 7601.20.90.40	6
7601.20.00.50	Renumber 7601.20.90.50	6
7601.20.00.60	Renumber 7601.20.90.60	6
7601.20.00.90	Renumber 7601.20.90.90	6
7603.10.00.10	New class -----Not alloyed . . . . Non alliées	6
7603.10.00.20	New class -----Alloyed . . . . En alliage	6
7603.20.10.10	New class -----Not alloyed . . . . Non alliées	6
7603.20.10.20	New class -----Alloyed . . . . En alliage	6
7603.20.20.10	New class -----Not alloyed . . . . Non alliées	6
7603.20.20.20	New class -----Alloyed . . . . En alliage	6
7606.11.10.10	-----In coils . . . . Enroulées	2

TABLE 76.1 (CONT.)

HS Code	Description of Goods	Reason for Change
7606.11.10.20	-----Not in coils Non enroulées	2
7606.11.10.21	------D'une épaisseur excédant 0,2 mm mais moins de 7 mm	2
7606.11.20.10	-----In coils Enroulées	2
7606.11.20.20	-----Not in coils Non enroulées	2
7606.11.20.21	------D'une épaisseur excédant 0,2 mm mais moins de 7 mm	2
7606.12.11.00	----D'une épaisseur de 3,2 mm ou plus mais n'excédant pas 5 mm et d'une largeur de 165 cm ou plus mais n'excédant pas 203 cm, laminées à chaud à partir de lingots d'origine canadienne, importées pour être laminées à froid au Canada, devant servir à la fabrication de languette de débouchage du dessus de contenants de boissons	1&2
7606.12.12.00	----Of a thickness exceeding 0.2 mm but less than 7 mm, in coils, for use in the manufacture of offset printing plates D'une épaisseur excédant 0,2 mm mais moins de 7 mm, enroulées, devant servir à la fabrication de plaques d'imprimerie offset	2
7606.12.19	---Other, unworked Autres, non ouvrées	3
7606.12.19.10	-----In coils Enroulées	2
7606.11.19.20	-----Not in coils Non enroulées	2
7606.12.19.21	------D'une épaisseur excédant 0,2 mm mais moins de 7 mm	2
7606.12.21.00	----Of a thickness exceeding 0.2 mm but less than 7 mm, in coils, for use in the manufacture of offset printing plates D'une épaisseur excédant 0,2 mm mais moins de 7 mm, enroulées, devant servir à la fabrication de plaques d'imprimerie offset	2
7606.12.29.10	-----In coils Enroulées	2

TABLE 76.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
7606.11.29.20	----Not in coils . . . . Non enroulées	2
7606.12.29.21	-----D'une épaisseur excédant 0,2 mm mais moins de 7 mm	2
7606.90	-Other than rectangular or square . . . . Autres que de forme carrée ou rectangulaire	3
7610.90.00.90	----Other structures and parts of structures; plates, rods, profiles, tubes and the like, prepared for use in structures . . . . . . Autres constructions et parties de constructions; tôles, barres, profilés, tubes et similaires, préparés en vue de leur utilisation dans la construction	3
76.12	Correct "liquefied"	2
7612.90.00.19	-----Other cans . . . . Autres bidons	3
7612.90.00.90	----Other containers . . . . Autres récipients	3
7615.10.00.30	New class ----Pie plates, plates for prepared meals and similar semi-rigid containers . . . . Assiettes à tarte, assiettes pour plats cuisinés et contenants similaires semi-rigides	6
7616.10.00.39	-----Other screws . . . . Autres vis	3
7616.90.90	---Other articles of aluminum . . . . Autres ouvrages en aluminium	3
7616.90.90.20	Delete this class	6
7616.90.90.30	Renumber 7616.90.90.20	6
7616.90.90.40	Renumber 7616.90.90.30	6
7616.90.90.41	Renumber 7616.90.90.31	6
7616.90.90.49	Renumber 7616.90.90.39	6
7616.90.90.50	Renumber 7616.90.90.40	6
7616.90.90.90	----Other articles of aluminum . . . . Autres ouvrages en aluminium	3

LEGAL NOTES RECOMMENDED BY THE BOARD

Chapter 76

ALUMINIUM AND ARTICLES THEREOF

*

Legal Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Bars and rods

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) Profiles

Rolled, extruded, drawan forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) Wire

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) Plates, sheets, strip and foil

Flat-surfaced products (other than the unwrought products of heading No. 76.01), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness, not exceeding one-tenth of the width,

- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading Nos. 76.06 and 76.07 apply, inter alia, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) Tubes and pipes

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Legal Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Aluminum, not alloyed

Metal containing by weight at least 99 % of aluminum, provided that the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

Element	Limiting content % by weight
Fe + Si (iron plus silicon)	1
Other elements[1], each	0.1[2]

(1) Other elements are, for example, Cr, Cu, Mg, Mn, Ni, Zn.
(2) Copper is permitted in a proportion greater than 0.1 % but not more than 0.2 %, provided that neither the chromium nor manganese content exceeds 0.05 %.

(b) Aluminum alloys

Metallic substances in which aluminum predominates by weight over each of the other elements provided that:

(i) the content by weight of at least one of the other elements or of iron plus silicon taken together shall be greater than the limit specified in the foregoing table; or

(ii) the total content by weight of such other elements exceeds 1 %.

Canadian Legal Notes.

1. In this Chapter the expression "unworked" means:

   (a) When referring to bars, rods and profiles, products which have not been subsequently worked after production (for example, not machined, drilled, punched, twisted nor crimped).

   (b) When referring to plates, sheets, strip and foil, products which have not been processed beyond the rolling mill except by heat treating, levelling, edge trimming, slitting, cutting-to-size, surface cleaning or lubricating.

   (c) When referring to tubes or pipes, products which, except for heat treating, straightening and cutting-to-length, have not been further processed than drawn, extruded or seam welded.

2. In this Chapter the expression "unwrought" means forms which may be simply cut-to-length for shipping or to make the metal suitable for further processing. It also includes scalping or descaling surfaces to prepare them for rolling, extrusion or forging.

TABLE 76.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
76.01	**Unwrought aluminum.**						
7601.10.00.	-Aluminum, not alloyed		Free	Free	11¢/kg	Free	
10	-----Pigs	kg					
20	-----Billets	kg					
30	-----Blocks	kg					
40	-----Ingots	kg					
50	-----Slabs	kg					
60	-----Wire bars	kg					
90	-----Other	kg					
7601.20	-Aluminum alloys						*
7601.20.10.00	---Grain	kg	10.3%	10.3%	30%	6.5%	*
7601.20.90.	---Other		Free	Free	11¢/kg	Free	*
10	-----Pigs	kg					*
20	-----Billets	kg					*
30	-----Blocks	kg					*
40	-----Ingots	kg					*
50	-----Slabs	kg					*
60	-----Wire bars	kg					*
90	-----Other	kg					*
76.02							
7602.00.00.00	**Aluminum waste and scrap**	kg	Free	Free	Free	Free	
76.03	**Aluminum powders and flakes.**						
7603.10.00.	-Powders of non-lamellar structure		Free	9.2%	30%	Free	*
10	-----Not alloyed	kg					*
20	-----Alloyed	kg					*
7603.20	-Powders of lamellar structure; flakes						
7603.20.10.	---Powders		Free	9.2%	30%	Free	*
10	-----Not alloyed	kg					*
20	-----Alloyed	kg					*
7603.20.20.	---Flakes		10.3%	10.3%	30%	6.5%	*
10	-----Not alloyed	kg					*
20	-----Alloyed	kg					*
76.04	**Aluminum bars, rods and profiles.**						
7604.10	-Of aluminum, not alloyed						*
	---Unworked						
7604.10.11.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm .	kg	Free	2.1%	9%	Free	*

TABLE 76.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7604.10.12.	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm; profiles		Free	8%	30%	Free	*
10	-----Bars and rods	kg					*
	-----Profiles						*
21	------Angles	kg					*
22	------Beams	kg					*
23	------Channels	kg					*
24	------Tees	kg					*
29	------Other	kg					*
	---Worked						*
7604.10.21.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	10%	10.2%	25%	6.5%	*
7604.10.22.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles	kg	10.3%	10.3%	30%	6.5%	*
	-Of aluminum alloys						
7604.21	--Hollow profiles						*
7604.21.10.00	---Unworked	kg	Free	8%	30%	Free	*
7604.21.20.00	---Worked	kg	10.3%	10.3%	30%	6.5%	*
7604.29	--Other						
	---Unworked						*
7604.29.11.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm	kg	Free	2.1%	9%	Free	*
7604.29.12.	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm; profiles		Free	8%	30%	Free	*
10	-----Bars and rods	kg					*
	-----Profiles						*
21	------Angles	kg					*
22	------Beams	kg					*
23	------Channels	kg					*
24	------Tees	kg					*
29	------Other	kg					*
	---Worked						*
7604.29.21.00	----Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm	kg	10%	10.2%	25%	6.5%	*
7604.29.22.00	----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm; profiles	kg	10.3%	10.3%	30%	6.5%	*

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
76.05	**Aluminum wire.**						
	-Of aluminum, not alloyed						
7605.11	--Of which the maximum cross-sectional dimension exceeds 7 mm						
	---Exceeding 7 mm but not exceeding 12.7 mm						*
7605.11.11.00	----Not coated nor covered	kg	7.5%	8%	25%	5%	*
7605.11.12.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
	---Exceeding 12.7 mm						*
7605.11.21.00	----Not coated nor covered	kg	Free	2.1%	9%	Free	*
7605.11.22.00	----Coated or covered	kg	10.3%	10.3%	30%	6.5%	*
7605.19	--Other						
7605.19.10.00	---Not coated nor covered	kg	7.5%	8%	25%	5%	*
7605.19.20.00	---Coated or covered	kg	10%	10.2%	25%	6.5%	
	-Of aluminum alloys						
7605.21	--Of which the maximum cross-sectional dimension exceeds 7 mm						
	---Exceeding 7 mm but not exceeding 12.7 mm						*
7605.21.11.00	----Not coated nor covered	kg	7.5%	8%	25%	5%	*
7605.21.12.00	----Coated or covered	kg	10%	10.2%	25%	6.5%	*
	---Exceeding 12.7 mm						*
7605.21.21.00	----Not coated nor covered	kg	Free	2.1%	9%	Free	*
7605.21.22.00	----Coated or covered	kg	10.3%	10.3%	30%	6.5%	*
7605.29	--Other						
7605.29.10.00	---Not coated nor covered	kg	7.5%	8%	25%	5%	*
7605.29.20.00	---Coated or covered	kg	10%	10.2%	25%	6.5%	
76.06	**Aluminum plates, sheets and strip, of a thickness exceeding 0.2 mm.**						
	-Rectangular (including square)						
7606.11	--Of aluminum, not alloyed						
7606.11.10.	---Unworked		Free	2.1%	9%	Free	
10	-----In coils	kg					*
	-----Not in coils						*
21	------Of a thickness exceeding 0.2 mm but less than 7 mm	kg					
22	------Of a thickness of 7 mm or more	kg					
7606.11.20.	---Worked		10.3%	10.3%	30%	6.5%	*
10	-----In coils	kg					*
	-----Not in coils						*
21	------Of a thickness exceeding 0.2 mm but less than 7 mm	kg					
22	------Of a thickness of 7 mm or more	kg					

TABLE 76.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7606.12	--Of aluminum alloys						
	---Unworked						
7606.12.11.00	----Of a thickness of 3.2 mm or more but not exceeding 5 mm and of a width of 165 cm or more but not exceeding 203 cm, hot-rolled from ingots of Canadian origin, imported for cold-rolling in Canada, for use in the manufacture of pull tabs for beverage containers . . .	kg	Free	Free	16.53¢/kg	Free	
7606.12.12.00	----Of a thickness exceeding 0.2 mm but less than 7 mm, in coils, for use in the manufacture of offset printing plates .	kg	Free	Free	16.53¢/kg	Free	*
7606.12.19.	----Other, unworked		Free	2.1%	9%	Free	*
10	-----In coils	kg					*
	-----Not in coils						*
21	------Of a thickness exceeding 0.2 mm but less than 7 mm	kg					
22	------Of a thickness of 7 mm or more	kg					
	---Worked						
7606.12.21.00	----Of a thickness exceeding 0.2 mm but less than 7 mm, in coils, for use in the manufacture of offset printing plates .	kg	Free	Free	16.53¢/kg	Free	*
7606.12.29.	----Other		10.3%	10.3%	30%	6.5%	*
10	-----In coils	kg					*
	-----Not in coils						*
21	------Of a thickness exceeding 0.2 mm but less than 7 mm	kg					
22	------Of a thickness of 7 mm or more	kg					
	-Other than rectangular or square						*
7606.91	--Of aluminum, not alloyed						
7606.91.10.00	---Unworked circles or discs	kg	Free	2.1%	9%	Free	
7606.91.90.	---Other		10.3%	10.3%	30%	6.5%	*
10	-----Worked circles or discs	kg					
90	-----Other	kg					
7606.92	--Of aluminum alloys						
7606.92.10.00	---Unworked circles or discs	kg	Free	2.1%	9%	Free	
7606.92.90.	---Other		10.3%	10.3%	30%	6.5%	*
10	-----Worked circles or discs	kg					
90	-----Other	kg					

TABLE 76.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
76.07	**Aluminum foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0.2 mm.**						
	-Not backed						
7607.11	--Rolled but not further worked						
7607.11.10.00	---Of a thickness of less than 0.005 mm . .	kg	Free	Free	Free	Free	
7607.11.20.00	---Of a thickness of 0.005 mm or more but less than 0.127 mm	kg	Free	9.2%	30%	Free	*
7607.11.30.00	---Of a thickness of 0.127 mm or more . . .	kg	Free	2.1%	9%	Free	*
7607.19	--Other						*
7607.19.10.00	---Of a thickness of less than 0.127 mm, embossed	kg	Free	9.2%	30%	Free	*
	---Other						*
7607.19.91.00	----Printed	kg	12.2%	12.2%	35%	8%	*
7607.19.99.00	----Other	kg	10.3%	10.3%	30%	6.5%	*
7607.20	-Backed						
7607.20.10.00	---Of a thickness of less than 0.127 mm, embossed, not printed	kg	Free	9.2%	30%	Free	*
	---Other						*
7607.20.91.00	----Printed	kg	12.2%	12.2%	35%	8%	*
7607.20.99.00	----Other	kg	10.3%	10.3%	30%	6.5%	*
76.08	**Aluminum tubes and pipes.**						
7608.10.00.00	-Of aluminum, not alloyed	kg	8.1%	8.1%	30%	5%	
7608.20.00.00	-Of aluminum alloys	kg	8.1%	8.1%	30%	5%	
76.09 7609.00.00.00	**Aluminum tube or pipe fittings (for example, couplings, elbows, sleeves)**	-	10.3%	10.3%	30%	6.5%	*

TABLE 76.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
76.10	**Aluminium structures (excluding prefabricated buildings of heading No. 94.06) and parts of structures (for example, bridges and bridge-sections, towers, lattice masts, roofs, roofing frameworks, doors and windows and their frames and thresholds for doors, balustrades, pillars and columns); aluminium plates, rods, profiles, tubes and the like, prepared for use in structures.**						
7610.10.00.	-Doors, windows and their frames and thresholds for doors		10.3%	10.3%	30%	6.5%	*
10	-----Doors and their frames	No.					
20	-----Windows and their frames	No.					
30	-----Thresholds for doors	No.					
7610.90.00.	-Other		10.3%	10.3%	30%	6.5%	*
10	-----Roofing	-					
20	-----Siding, including soffits and fascia .	-					
90	-----Other structures and parts of structures; plates,rods,profiles,tubes and the like, prepared for use in structures	-					*
76.11	**Aluminium reservoirs, tanks, vats and similar containers, for any material (other than compressed or liquefied gas), of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment.**						
7611.00.10.00	---Dairy vats	No.	Free	Free	35%	Free	
7611.00.90.00	---Other	No.	10.3%	10.3%	30%	6.5%	*
76.12	**Aluminium casks, drums, cans, boxes and similar containers (including rigid or collapsible tubular containers), for any material (other than compressed or liquefied gas), of a capacity not exceeding 300 l, whether or not lined or lined or heat-insulated, but not fitted with mechanical or thermal equipment.**						*
7612.10.00.00	-Collapsible tubular containers	No.	10.3%	10.3%	30%	6.5%	*

TABLE 76.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7612.90.00.	-Other		10.3%	10.3%	30%	6.5%	*
	-----Cans						
11	------Food	No.					
12	------Dairy	No.					
19	------Other cans	No.					*
	-----Barrels or drums						
21	------One-trip shippers	No.					
29	------Other	No.					
90	-----Other containers	No.					*
76.13 7613.00.00.	**Aluminum containers for compressed or liquefied gas**		10.3%	10.3%	30%	6.5%	*
10	-----One-trip shippers	No.					
20	-----Repeat shippers	No.					
90	-----Other	No.					
76.14	**Stranded wire, cables, plaited bands and the like, of aluminum, not electrically insulated.**						
7614.10.00.00	-With steel core	kg	10.2%	10.2%	25%	6.5%	
7614.90.00.00	-Other	kg	10.2%	10.2%	25%	6.5%	
76.15	**Table kitchen or other household articles and parts thereof, of aluminum; pot scourers and scouring or polishing pads, gloves and the like, of aluminum; sanitary ware and parts thereof, of aluminum.**						
7615.10.00.	-Table, kitchen or other household articles and parts thereof; pot scourers and scouring or polishing pads, gloves and the like		10.3%	10.3%	30%	6.5%	*
10	-----Cooking utensils	-					
20	-----Tableware	-					
30	-----Pie plates, plates for prepared meals and similar semi-rigid containers . . .	kg					*
90	-----Other	-					

TABLE 76.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 76-12

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
7615.20	-Sanitary ware and parts thereof						
7615.20.10.00	---Baths, sirks, wash basins or urinals . .	-	11.4%	11.4%	35%	Free	*
7615.20.90.00	---Other	-	10.3%	10.3%	30%	6.5%	*
76.16	**Other articles of aluminum.**						
7616.10.00.	-Nails, tacks, staples (other than those of heading No. 83.05), screws, bolts, nuts, screw hooks, rivets, cotters, cotter-pins, washers and similar articles		10.3%	10.3%	30%	6.5%	*
10	-----Nails	-					
20	-----Tacks	-					
	-----Screws						
31	------Wood	-					
32	------Cap	-					
33	------Sems	-					
34	------Machine	-					
39	------Other screws	-					*
40	-----Bolts	-					
50	-----Nuts	-					
60	-----Rivets.	-					
70	-----Washers	-					
90	-----Other	-					
7616.90	-Other						
7616.90.10.00	---Identification bands for migratory birds	-	Free	Free	Free	Free	
7616.90.20.00	---Labels, whether or not printed	-	11.3%	11.3%	35%	Free	*
7616.90.90.	---Other articles of aluminum		10.3%	10.3%	30%	6.5%	*
10	-----Chain	-					
20	-----Wire cloth, screening or screen products	kg					*
	-----Castings						*
31	------Die	kg					*
39	------Other	kg					*
40	-----Forgings	kg					*
90	-----Other articles of aluminum	-					*

CHAPTER 76

APPENDIX

Chapter 76

ALUMINUM AND ARTICLES THEREOF

Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Bars and rods

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) Profiles

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) Wire

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) Plates, sheets, strip and foil

Flat-surfaced products (other than the unwrought products of heading No. 76.01), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading Nos. 76.06 and 76.07 apply, *inter alia*, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) Tubes and pipes

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Aluminum, not alloyed

Metal containing by weight at least 99% of aluminum, provided that the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

Element	Limiting content % by weight
Fe + Si (iron plus silicon)	1
Other elements[1], each	0.1[2]

(1) Other elements are, for example, Cr, Cu, Mg, Mn, Ni, Zn.

(2) Copper is permitted in a proportion greater than 0.1% but not more than 0.2%, provided that neither the chromium nor manganese content exceeds 0.05%.

(b) Aluminum alloys

Metallic substances in which aluminum predominates by weight over each of the other elements, provided that:

(i) the content by weight of at least one of the other elements or of iron plus silicon taken together shall be greater than the limit specified in the foregoing table; or

(ii) the total content by weight of such other elements exceeds 1%.

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
76.01		**Unwrought aluminum.**					
7601.10.00		-Aluminum, not alloyed		Free	Free	11¢/kg	Free
	10	-----*Pigs*	kg				
	20	-----*Billets*	kg				
	30	-----*Blocks*	kg				
	40	-----*Ingots*	kg				
	50	-----*Slabs*	kg				
	60	-----*Wire bars*	kg				
	90	-----*Other*	kg				
7601.20.00		-Aluminum alloys		Free	Free	11¢/kg	Free
	10	-----*Pigs*	kg				
	20	-----*Billets*	kg				
	30	-----*Blocks*	kg				
	40	-----*Ingots*	kg				
	50	-----*Slabs*	kg				
	60	-----*Wire bars*	kg				
	90	-----*Other*	kg				
76.02							
7602.00.00	**00**	**Aluminum waste and scrap**	kg	Free	Free	Free	Free
76.03		**Aluminum powders and flakes.**					
7603.10.00	00	-Powders of non-lamellar structure	kg	Free	9.2%	30%	Free
7603.20		-Powders of lamellar structure; flakes					
7603.20.10	00	---Powders	kg	Free	9.2%	30%	Free
7603.20.20	00	---Flakes	kg	10.2%	10.2%	30%	6.5%
76.04		**Aluminum bars, rods and profiles.**					
7604.10		-Of aluminum, not alloyed					
7604.10.10		---Unworked bars and rods; wire rod		Free	2.1%	9%	Free
	10	-----*Bars and rods other than wire rod*	kg				
	20	-----*Wire rod*	kg				
7604.10.20		---Worked bars and rods; profiles		8.4%	8.4%	30%	5.5%
	10	-----*Bars and rods*	kg				
		-----*Profiles:*					
	21	------*Angles*	kg				
	22	------*Beams*	kg				
	23	------*Channels*	kg				
	24	------*Tees*	kg				
	29	------*Other*	kg				
		-Of aluminum alloys:					
7604.21.00	00	--Hollow profiles	kg	8.4%	8.4%	30%	5.5%
7604.29		--Other					
7604.29.10		---Unworked bars and rods; wire rod		Free	2.1%	9%	Free
	10	-----*Bars and rods other than wire rod*	kg				
	20	-----*Wire rod*	kg				
7604.29.20		---Worked bars and rods; profiles		8.4%	8.4%	30%	5.5%
	10	-----*Bars and rods*	kg				
		-----*Profiles:*					
	21	------*Angles*	kg				
	22	------*Beams*	kg				
	23	------*Channels*	kg				
	24	------*Tees*	kg				
	29	------*Other*	kg				
76.05		**Aluminum wire.**					
		-Of aluminum, not alloyed:					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7605.11		--Of which the maximum cross-sectional dimension exceeds 7mm					
7605.11.10	00	---Not coated or covered	kg	7.5%	8%	25%	5%
7605.11.20	00	---Coated or covered	kg	10%	10.2%	25%	6.5%
7605.19		--Other					
7605.19.10	00	---Not coated or covered	kg	7.5%	8%	25%	5%
7605.19.20	00	---Coated or covered	kg	10%	10.2%	25%	6.5%
		-Of aluminum alloys:					
7605.21		--Of which the maximum cross-sectional dimension exceeds 7mm					
7605.21.10	00	---Not coated or covered	kg	7.5%	8%	25%	5%
7605.21.20	00	---Coated or covered	kg	10%	10.2%	25%	6.5%
7605.29		--Other					
7605.29.10	00	---Not coated or covered	kg	7.5%	8%	25%	5%
7605.29.20	00	---Coated or covered	kg	10%	10.2%	25%	6.5%
76.06		**Aluminum plates, sheets and strip, of a thickness exceeding 0.2mm.**					
		-Rectangular (including square):					
7606.11		--Of aluminum, not alloyed					
7606.11.10		---Unworked		Free	2.1%	9%	Free
	10	-----*Coiled*	kg				
		-----*Cropped:*					
	21	------*Of a thickness exceeding 0.2mm but less than 7mm*	kg				
	22	------*Of a thickness of 7mm or more*	kg				
7606.11.20		---Worked		10.2%	10.2%	30%	6.5%
	10	-----*Coiled*	kg				
		-----*Cropped:*					
	21	------*Of a thickness exceeding 0.2mm but less than 7mm*	kg				
	22	------*Of a thickness of 7mm or more*	kg				
7606.12		--Of aluminum alloys					
		---Unworked:					
7606.12.11	00	----Of a thickness of 3.2mm or more but not exceeding 5mm and of a width of 165cm or more but not exceeding 203cm, hot-rolled from ingots of Canadian origin, imported for cold-rolling in Canada, for use in the manufacture of pull tabs for beverage containers	kg	Free	Free	16.53¢ /kg	Free
7606.12.12	00	----Of a thickness exceeding 0.2mm but less than 7mm, in the coil, for use in the manufacture of offset printing plates	kg	Free	Free	16.53¢ /kg	Free
7606.12.19		----Other		Free	2.1%	9%	Free
	10	-----*Coiled*	kg				
		-----*Cropped:*					
	21	------*of a thickness exceeding 0.2mm but less than 7mm*	kg				
	22	------*Of a thickness of 7mm or more*	kg				
		---Worked:					
7606.12.21	00	----Of a thickness exceeding 0.2mm but less than 7mm, in the coil, for use in the manufacture of offset printing plates	kg	Free	Free	16.53¢ /kg	Free
7606.12.29		----Other		10.2%	10.2%	30%	6.5%
	10	-----*Coiled*	kg				
		-----*Cropped:*					
	21	------*Of a thickness exceeding 0.2mm but less than 7mm*	kg				
	22	------*Of a thickness of 7mm or more*	kg				
		-Other:					

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7606.91		--Of aluminum, not alloyed					
7606.91.10	00	---Unworked circles or discs..........	kg	Free	2.1%	9%	Free
7606.91.90		---Other..............................		10.2%	10.2%	30%	6.5%
	10	-----*Worked circles or discs*..........	kg				
	90	-----*Other*............................	kg				
7606.92		--Of aluminum alloys					
7606.92.10	00	---Unworked circles or discs..........	kg	Free	2.1%	9%	Free
7606.92.90		---Other..............................		10.2%	10.2%	30%	6.5%
	10	-----*Worked circles or discs*..........	kg				
	90	-----*Other*............................	kg				
76.07		**Aluminum foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0.2mm.**					
		-Not backed:					
7607.11		--Rolled but not further worked					
7607.11.10	00	---Of a thickness of less than 0.005mm..	kg	Free	Free	Free	Free
7607.11.20	00	---Of a thickness of 0.005mm or more but not exceeding 0.127mm............	kg	Free	9.2%	30%	Free
7607.11.30	00	---Of a thickness exceeding 0.127mm but not exceeding 0.2mm............	kg	Free	2.1%	9%	Free
7607.19.00	00	--Other...............................	kg	9.4%	9.4%	30%	6%
7607.20		-Backed					
		---Unworked:					
7607.20.11	00	----Of a thickness of less than 0.005mm.	kg	Free	Free	Free	Free
7607.20.12	00	----Of a thickness of 0.005mm or more but not exceeding 0.127mm..........	kg	Free	9.2%	30%	Free
7607.20.13	00	----Of a thickness exceeding 0.127mm but not exceeding 0.2mm............	kg	Free	2.1%	9%	Free
7607.20.20	00	---Worked.............................	kg	10.2%	10.2%	30%	6.5%
76.08		**Aluminum tubes and pipes.**					
7608.10.00	00	-Of aluminum, not alloyed...............	kg	8.1%	8.1%	30%	5%
7608.20.00	00	-Of aluminum alloys.....................	kg	8.1%	8.1%	30%	5%
76.09							
7609.00.00	**00**	**Aluminum tube or pipe fittings (for example, couplings, elbows, sleeves)....**	-	10.2%	10.2%	45%	6.5%
76.10		**Aluminum structures (excluding prefabricated buildings of heading No. 94.06) and parts of structures (for example, bridges and bridge-sections, towers, lattice masts, roofs, roofing frameworks, doors and windows and their frames and thresholds for doors, balustrades, pillars and columns); aluminum plates, rods, profiles, tubes and the like, prepared for use in structures.**					
7610.10.00		-Doors, windows and their frames and thresholds for doors..................		10.2%	10.2%	30%	6.5%
	10	-----*Doors and their frames*............	No				
	20	-----*Windows and their frames*..........	No				
	30	-----*Thresholds for doors*..............	No				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7610.90.00		-Other		10.2%	10.2%	45%	6.5%
	10	-----*Roofing*	-				
	20	-----*Siding, including soffits and fascia*	-				
	90	-----*Other*	-				
76.11							
7611.00		**Aluminum reservoirs, tanks, vats and similar containers, for any material (other than compressed or liquefied gas), of a capacity exceeding 300 litres, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment.**					
7611.00.10	00	---Dairy vats	No	Free	Free	35%	Free
7611.00.90	00	---Other	No	10.2%	10.2%	45%	6.5%
76.12		**Aluminum casks, drums, cans, boxes and similar containers (including rigid or collapsible tubular containers), for any material (other than compressed or liquified gas), of a capacity not exceeding 300 litres, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment.**					
7612.10.00	00	-Collapsible tubular containers	No	10.2%	10.2%	45%	6.5%
7612.90.00		-Other		10.2%	10.2%	45%	6.5%
		-----*Cans:*					
	11	------*Food*	No				
	12	------*Dairy*	No				
	19	------*Other*	No				
		-----*Barrels or drums:*					
	21	------*One-trip shippers*	No				
	29	------*Other*	No				
	90	-----*Other*	No				
76.13							
7613.00.00		**Aluminum containers for compressed or liquefied gas**		10.2%	10.2%	45%	6.5%
	10	-----*One-trip shippers*	No				
	20	-----*Repeat shippers*	No				
	90	-----*Other*	No				
76.14		**Stranded wire, cables, plaited bands and the like, of aluminum, not electrically insulated.**					
7614.10.00	00	-With steel core	kg	10.2%	10.2%	25%	6.5%
7614.90.00	00	-Other	kg	10.2%	10.2%	25%	6.5%
76.15		**Table, kitchen or other household articles and parts thereof, of aluminum; pot scourers and scouring or polishing pads, gloves and the like, of aluminum; sanitary ware and parts thereof, of aluminum.**					

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7615.10.00		-Table, kitchen or other household articles and parts thereof; pot scourers and scouring or polishing pads, gloves and the like		10.2%	10.2%	45%	6.5%
	10	-----*Cooking utensils*	-				
	20	-----*Tableware*	-				
	90	-----*Other*	-				
7615.20		-Sanitary ware and parts thereof					
7615.20.10	00	---Baths, sinks, wash basins or urinals	-	11.3%	11.3%	35%	Free
7615.20.90	00	---Other	-	10.2%	10.2%	45%	6.5%
76.16		**Other articles of aluminum.**					
7616.10.00		-Nails, tacks, staples (other than those of heading No. 83.05), screws, bolts, nuts, screw hooks, rivets, cotters, cotter-pins, washers and similar articles		10.2%	10.2%	35%	6.5%
	10	-----*Nails*	-				
	20	-----*Tacks*	-				
		-----*Screws:*					
	31	------*Wood*	-				
	32	------*Cap*	-				
	33	------*Sems*	-				
	34	------*Machine*	-				
	39	------*Other*	-				
	40	-----*Bolts*	-				
	50	-----*Nuts*	-				
	60	-----*Rivets*	-				
	70	-----*Washers*	-				
	90	-----*Other*	-				
7616.90		-Other					
7616.90.10	00	---Identification bands for migratory birds	-	Free	Free	Free	Free
7616.90.90		---Other		10.2%	10.2%	35%	6.5%
	10	-----*Chain*	-				
	20	-----*Busbars*	kg				
	30	-----*Wire cloth, screening or screen products*	kg				
		-----*Castings:*					
	41	------*Die*	kg				
	49	------*Other*	kg				
	50	-----*Forgings*	kg				
	90	-----*Other*	-				

Chapter 77

(Reserved for possible future use in the Harmonized System)

CHAPTER 78

Lead and Articles Thereof

A. Introduction

Proposed Chapter 78 incorporates, in whole or in part, 17 items of the Customs Tariff, as listed below:

*33600-1	Tea lead
*33700-1	Lead, old, scrap, pig and block
*33800-1	Lead, in bars and in sheets
33900-1	Lead, manufactures of, n.o.p.
33910-1	Collapsible tubes of lead or tin or lead coated with tin
34100-1	Babbit metal and type metal, in blocks, bars, plates and sheets
34405-1	Composition foils ... of varying percentages of lead and tin ...
	Metals, n.o.p., not including alloys, in lumps, powders, ingots ...:
35101-1	Other than the following (see 35102-1 to 35106-1)
35215-1	Screws of brass, copper or other metal, n.o.p.
	Wire of all metals or alloys thereof, n.o.p.:
	Single, not coated or covered:
40121-2	N.o.p.
40122-1	Single, coated or covered
40123-1	Twisted, braided, bunched or otherwise conjoined ...
40956-1	Axles, belts ... bolts ... for use with (agricultural machinery)
43877-1	Materials...not made...for use in the manufacture of (motor vehicles)
47000-1	Patterns of iron, steel, brass or other metal, not being models
84900-1	Goods which enter into the cost of manufacture of fertilizers ...
95002-1	All parts and accessories ... equipment in automobiles ...

B. The Board's Analysis and Recommendations

Only one submission received by the Board, that of Canbro Inc., made mention of Chapter 78. However, it did not request any changes in nomenclature or rates of duty regarding the provisions of this Chapter.

The Board's analysis revealed one instance in Chapter 78 where the proposed rate of duty would constitute a change exceeding 2.5 percentage points, and would involve trade in excess of $100,000 for the base period 1980-82, making up at least 1 per cent of total imports under the present tariff item of the Customs Tariff. Thus imports of "Lead, manufactures of, n.o.p.", dutiable at 10.2 p.c. MFN, under tariff item 33900-1 have been allocated in part to subheading No. 7801.10 "Refined lead" under heading No. 78.01 "Unwrought lead", with an MFN rate of Free. Clearly, there are products of lead which are "manufactures for the purpose of the Customs Tariff" and which are "unwrought" under the HS. Lead shot of 7801.10.00.10 is such a product. There are others such as "cakes" and "continuous cast sticks" coming under 7801.10.00.90. However, the bulk of the trade allocated to this line

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* Indicates that goods under the present tariff item are classified only to this Chapter.

is both unmanufactured and unwrought lead in pig and block, currently classified under tariff item 33700-1, (MFN Free). Since the primary forms of refined lead, entering free of duty, are specifically named while those dutiable as manufactures of lead, including "shot", are at present covered by a n.o.p. provision and are not readily identifiable, it is deemed advisable to specify the free goods in a new tariff line 7801.10.10 "pig and block" at Free MFN, and shot and other forms of unwrought lead in tariff line 7801.10.90 "Other" with an MFN rate of 10.2%. The Board so recommends.

Delete the rates of duty under 7801.10.00 and add the following:

			MFN Rate
7801.10	-Refined lead		
7801.10.10.00	---Pig and block	kg	Free
7801.10.90.00	---Other	kg	10.2%

The nomenclature changes recommended by the Board are listed in Table 78.1.

Table 78.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
7801.91.90.00	---Other, containing by weight antimony as the principal other element . . . . Autres, contenant de l'antimoine comme autre élément prédominant en poids	3
7803.00.30.00	---Bars and rods, of other alloys; profiles and wire . . . . Barres, en autres alliages; profilés et fils	2
7804.11.10.00	---En alliages plomb-étain, même contenant de l'antimoine	2
7804.19.10.00	---Not alloyed, of a thickness exceeding 0.2 mm but not exceeding 5 mm and of a width exceeding 600 mm . . . . Non alliés, d'une épaisseur excédant 0,2 mm mais n'excédant pas 5 mm et d'une largeur excédant 600 mm	2
7804.19.20.00	---Of lead-antimony-tin alloys . . . . En alliages plomb-antimoine-étain	2
7804.19.90.00	---Other plates, sheets, strip and foil . . . . Autres tables, feuilles et bandes	3
7804.20.20.00	---Powders, alloyed; flakes	2
7806.00.00.10	-----Accumulator plates	2
7806.00.00.90	-----Other articles of lead . . . . Autres ouvrages en plomb	3

Chapter 78

LEAD AND ARTICLES THEREOF

Legal Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Bars and rods

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) Profiles

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) Wire

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) Plates, sheets, strip and foil

Flat-surfaced products (other than the unwrought products of heading No. 78.01), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,

- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading No 78.04 applies, inter alia, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) Tubes and pipes

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Legal Note. *

1. In this Chapter the expression "refined lead" means:

Metal containing by weight at least 99.9 % of lead, provided that the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

Element		Limiting content % by weight
Ag	Silver	0.02
As	Arsenic	0.005
Bi	Bismuth	0.05
Ca	Calcium	0.002
Cd	Cadmium	0.002
Cu	Copper	0.08
Fe	Iron	0.002
S	Sulphur	0.002
Sb	Antimony	0.005
Sn	Tin	0.005
Zn	Zinc	0.002
Other	(for example Te), each	0.001

TABLE 78.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
78.01	**Unwrought lead.**						
7801.10	-Refined lead						*
7801.10.10.00	---Pig and block	kg	Free	Free	2.2¢/kg	Free	*
7801.10.90.00	---Other	kg	10.2%	10.2%	30%	Free	*
	-Other						
7801.91	--Containing by weight antimony as the principal other element						
7801.91.10.00	---Lead-antimony-tin alloys	kg	Free	6.8%	20%	Free	
7801.91.90.00	---Other, containing by weight antimony as the principal other element	kg	10.2%	10.2%	30%	Free	*
7801.99.00.00	--Other	kg	10.2%	10.2%	30%	Free	
78.02 **7802.00.00.00**	**Lead waste and scrap**	kg	Free	Free	2.2¢/kg	Free	
78.03	**Lead bars, rods, profiles and wire.**						
7803.00.10.00	---Bars and rods, not alloyed	kg	4%	4%	25%	2.5%	
7803.00.20.00	---Bars and rods, of lead-antimony-tin alloys	kg	Free	6.8%	20%	Free	
7803.00.30.00	---Bars and rods, of other alloys; profiles and wire	kg	10.2%	10.2%	30%	Free	*
78.04	**Lead plates, sheets, strip and foil; lead powders and flakes.**						
	-Plates, sheets, strip and foil						
7804.11	--Sheets, strip and foil of a thickness (excluding any backing) not exceeding 0.2 mm						
7804.11.10.00	---Of lead-tin alloys, whether or not containing antimony	kg	Free	Free	Free	Free	
7804.11.90.00	---Other	kg	10.2%	10.2%	30%	Free	
7804.19	--Other						
7804.19.10.00	---Not alloyed, of a thickness exceeding 0.2 mm but not exceeding 5 mm and of a width exceeding 600 mm	kg	4%	4%	25%	2.5%	*
7804.19.20.00	---Of lead-antimony-tin alloys	kg	Free	6.8%	20%	Free	*
7804.19.90.00	---Other plates, sheets, strip and foil . .	kg	10.2%	10.2%	30%	Free	*
7804.20	-Powders and flakes						
7804.20.10.00	---Powders, not alloyed	kg	Free	4%	25%	Free	
7804.20.20.00	---Powders, alloyed; flakes	kg	10.2%	10.2%	30%	Free	*

TABLE 78.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 78-4

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
78.05 7805.00.00.00	Lead tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves) .	kg	10.2%	10.2%	30%	Free	
78.06 7806.00.00.	Other articles of lead		10.2%	10.2%	35%	6.5%	
10	-----Accumulator plates	-					*
20	-----Collapsible tubes	-					
30	-----Fabricated building components	-					
90	-----Other articles of lead	-					*

CHAPTER 78

APPENDIX

Chapter 78

LEAD AND ARTICLES THEREOF

Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Bars and rods**

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) **Profiles**

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) **Wire**

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) **Plates, sheets, strip and foil**

Flat-surfaced products (other than the unwrought products of heading No. 78.01), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading No. 78.04 applies, *inter alia*, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) Tubes and pipes

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Note.

1. In this Chapter the expression "refined lead" means:

Metal containing by weight at least 99.9% of lead, provided that the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

Element		Limiting content % by weight
Ag	Silver	0.02
As	Arsenic	0.005
Bi	Bismuth	0.05
Ca	Calcium	0.002
Cd	Cadmium	0.002
Cu	Copper	0.08
Fe	Iron	0.002
S	Sulphur	0.002
Sb	Antimony	0.005
Sn	Tin	0.005
Zn	Zinc	0.002
Other (for example Te), each		0.001

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
78.01		**Unwrought lead.**					
7801.10.00		-Refined lead...........................		Free	Free	2.2¢/kg	Free
	10	-----*Shot*............................	kg				
	90	-----*Other*...........................	kg				
		-Other:					
7801.91		--Containing by weight antimony as the principal other element					
7801.91.10	00	---Lead-antimony-tin alloys.............	kg	Free	6.8%	20%	Free
7801.91.90	00	---Other................................	kg	10.2%	10.2%	30%	Free
7801.99.00	00	--Other.................................	kg	10.2%	10.2%	30%	Free
78.02							
7802.00.00	00	**Lead waste and scrap**....................	kg	Free	Free	2.2¢/kg	Free
78.03							
7803.00		**Lead bars, rods, profiles and wire.**					
7803.00.10	00	---Bars and rods, not alloyed...........	kg	4%	4%	25%	2.5%
7803.00.20	00	---Bars and rods, of lead-antimony-tin alloys............................	kg	Free	6.8%	20%	Free
7803.00.30	00	---Bars and rods of other alloys; profiles; wire......................	kg	10.2%	10.2%	30%	Free
78.04		**Lead plates, sheets, strip and foil; lead powders and flakes.**					
		-Plates, sheets, strip and foil:					
7804.11		--Sheets, strip and foil of a thickness (excluding any backing) not exceeding 0.2mm					
7804.11.10	00	---Of lead-tin alloys, whether or not containing antimony..................	kg	Free	Free	Free	Free
7804.11.90	00	---Other................................	kg	10.2%	10.2%	30%	Free
7804.19		--Other					
7804.19.10	00	---Flat-surfaced products, not alloyed, of a thickness exceeding 0.2mm but not exceeding 5mm and a width exceeding 600mm.........................	kg	4%	4%	25%	2.5%
7804.19.20	00	---Flat-surfaced products, of lead-antimony-tin alloys..................	kg	Free	6.8%	20%	Free
7804.19.90	00	---Other................................	kg	10.2%	10.2%	30%	Free
7804.20		-Powders and flakes					
7804.20.10	00	---Powders, not alloyed.................	kg	Free	4%	25%	Free
7804.20.20	00	---Alloyed powders; flakes..............	kg	10.2%	10.2%	30%	Free
78.05							
7805.00.00	00	**Lead tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves)**.......................	kg	10.2%	10.2%	30%	Free
78.06							
7806.00.00		**Other articles of lead**..................		10.2%	10.2%	35%	6.5%
	10	-----*Battery plates*......................	-				
	20	-----*Collapsible tubes*...................	-				
	30	-----*Fabricated building components*.....	-				
	90	-----*Other*...............................	-				

CHAPTER 79

Zinc and Articles Thereof

A. Introduction

Proposed Chapter 79 incorporates, in whole or in part, 25 items of the Customs Tariff, as listed below:

17900-1	Labels ... shipping, price or other tags, tickets or labels ...
28900-1	Baths ... basins ... lavatories ... urinals ... sinks ... n.o.p.
34500-1	Zinc dross and zinc scrap for remelting ...
34505-1	Zinc spelter, zinc and zinc alloys ... in the form of pigs, slabs ...
34600-1	Zinc, manufactures of, n.o.p.
*34600-2	Unwrought zinc alloys, n.o.p.
34605-1	Zinc or zinc alloys ... (less than 10% other metals)
*34610-1	Zinc rods; zinc shapes ... (less than 10% other metals)
*34615-1	Zinc strip or sheet ... for use in photo-engraving ...
	Metals, n.o.p., not including alloys ...:
35101-1	Other than the following (see 35102-1 to 35106-1)
35215-1	Screws of brass, copper or other metal, n.o.p.
35800-1	Anodes of nickel, zinc, copper, silver or gold
36215-1	Nickel-plated ware, gilt, or electro-plated ware, n.o.p.
	Wire of all metals or alloys thereof, n.o.p.:
	Single, not coated or covered:
40121-2	N.o.p.
40122-1	Single, coated or covered
40123-1	Twisted, braided, bunched or otherwise conjoined ...
40956-1	Axles (& other parts) ... for use with ... (agricultural machinery)
41233-1	Sheets ... for the production of printing plates ...
44059-1	(Parts) ... not made in Canada ... for use in aircraft ...
	Pins manufactured from wire of any metal:
45115-1	Specially designed for marking systems
45116-1	N.o.p.
47000-1	Patterns of iron, steel, brass or other metal, not being models
69605-1	Apparatus ... for use in teaching, research ...
71100-1	All goods not enumerated in this schedule ...
84900-1	Goods which enter into the cost of manufacture of fertilizers ...

B. The Board's Analysis and Recommendations

The Board received one submission, from Canbro Inc., expressing an interest in the definition of zinc dust. Zinc dust is defined in Subheading Note 1(c) to Chapter 79 as being "obtained by condensation of zinc vapour". Canbro claims that it is theoretically possible to produce other base metal dusts by the same method, and therefore argues that the definition should be in a note to Section XV, with more general applicability to all Chapters in this Section, along with Note 6(b) for "powders". The Board finds that the condensation process is a possibility, for some, but not all, base metals, and therefore the definition of dust should be taken up in Chapter Notes whenever relevant.

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* Indicates that goods under the present tariff item are classified only to this Chapter.

The Board's analysis has revealed one error in the proposed Schedule that should be remedied. Tariff line 7904.00.20 with an MFN rate of 10.2%, is derived from tariff items 34600-1 and 40122-1 (at 10.2 p.c.), and 40121-2 (at 8 p.c.). The application of the trade majority method would result in a rate of 8%, from item 40121-2, while a trade weighted average would give a rate of 8.9%, both substantially different from the proposed 10.2%. The Board recommends that a separate tariff line for wire, 7904.00.22, at 8% MFN, as currently applied to 40121-2, be provided while leaving the rest of 7904.00.20 at 10.2%, as set out below.

Delete the rates of duty under 7904.00.20 and add the following:

			MFN Rate
	---Bars, rods or profiles, containing by weight less than 90 % of zinc; wire		
7904.00.21.	----Bars, rods or profiles		10.2%
10	-----Bars and rods	kg	
20	-----Profiles	kg	
7904.00.22.00	----Wire	kg	8%

Nomenclature changes recommended by the Board are included in Table 79.1.

Table 79.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
7903.90.20.00	---Powders, alloyed; flakes	2
7905.00.11.00	----Of a thickness exceeding 0.15 mm but less than 4.75 mm, for making offset printing plates; of a thickness exceeding 0.15 mm but less than 4.75 mm, not polished, coated on one side with acid-resisting material, imported for use by grinders and polishers, to be prepared for use in photo-engraving D'une épaisseur excédant 0,15 mm mais moins de 4,75 mm, pour la fabrication des plaques d'imprimeur offset; d'une épaisseur excédant 0,15 mm mais moins de 4,75 mm, non polis, recouverts sur une surface d'une matière inattaquable par les acides, importés pour être utilisés par ceux qui font le meulage ou le polissage en vue d'être préparés pour servir en photogravure	2
7907.90.10.00	---Anodes pour galvanoplastie	2
7907.90.90	---Other articles of zinc Autres ouvrages en zinc	3
7907.90.90.11	Renumber 7907.90.90.12	2
7907.90.90.12	Renumber 7907.90.90.11 ------En alliage	2

Chapter 79

ZINC AND ARTICLES THEREOF

*

Legal Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Bars and rods

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) Profiles

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) Wire

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) Plates, sheets, strip and foil

Flat-surfaced products (other than the unwrought products of heading No. 79.01), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,

- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading No 79.05 applies, inter alia, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) **Tubes and pipes**

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Legal Note. *

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Zinc, not alloyed**

Metal containing by weight at least 97.5 % of zinc.

(b) **Zinc alloys**

Metallic substances in which zinc predominates by weight over each of the other elements, provided that the total content by weight of such other elements exceeds 2.5 %.

(c) **Zinc dust**

Dust obtained by condensation of zinc vapour, consisting of spherical particles which are finer than zinc powders. At least 80 % by weight of the particles pass through a sieve with 63 micrometres (microns) mesh. It must contain at least 85 % by weight of metallic zinc.

TABLE 79.2: SCHEDULED RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
79.01	**Unwrought zinc.**						
	-Zinc, not alloyed						
7901.11.00.00	--Containing by weight 99.99 % or more of zinc	kg	Free	Free	4.4¢/kg	Free	
7901.12.00.00	--Containing by weight less than 99.99 % of zinc	kg	Free	Free	4.4¢/kg	Free	
7901.20	-Zinc alloys						
7901.20.10.00	---Containing by weight 90 % or more but less than 97.5 % of zinc	kg	Free	Free	4.4¢/kg	Free	
7901.20.20.00	---Containing by weight less than 90 % of zinc	kg	15%	17.5%	25%	11.5%	
79.02							
7902.00.00.00	**Zinc waste and scrap**	kg	Free	Free	10%	Free	
79.03	**Zinc dust, powders and flakes.**						
7903.10.00.00	-Zinc dust	kg	Free	Free	4.4¢/kg	Free	
7903.90	-Other						
7903.90.10.00	---Powders, not alloyed	kg	Free	4%	25%	Free	
7903.90.20.00	---Powders, alloyed; flakes	kg	10.2%	10.2%	25%	6.5%	*
79.04	**Zinc bars, rods, profiles and wire.**						
7904.00.10.00	---Bars, rods or profiles, containing by weight 90 % or more of zinc	kg	Free	Free	10%	Free	
	---Bars, rods or profiles, containing by weight less than 90 % of zinc; wire						*
7904.00.21.	----Bars, rods or profiles		10.2%	10.2%	25%	6.5%	*
10	-----Bars and rods	kg					*
20	-----Profiles	kg					*
7904.00.22.00	----Wire	kg	7.5%	8%	25%	5%	*

TABLE 79.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 79-4

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
79.05	**Zinc plates, sheets, strip and foil.**						
	---Containing by weight 90 % or more of zinc						
7905.00.11.00	----Of a thickness exceeding 0.15 mm but less than 4.75 mm, for making offset printing plates; of a thickness exceeding 0.15 mm but less than 4.75 mm, not polished, coated on one side with acid-resisting material, imported for use by grinders and polishers, to be prepared for use in photo-engraving . .	kg	Free	Free	10%	Free	*
7905.00.19.00	----Other	kg	5%	5.5%	20%	3.5%	
7905.00.20.00	---Containing by weight less than 90 % of zinc	kg	10.2%	10.2%	25%	6.5%	
79.06 **7906.00.00.00**	**Zinc tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves)** .	kg	10.2%	10.2%	25%	6.5%	
79.07	**Other articles of zinc.**						
7907.10.00.	-Gutters, roof capping, skylight frames and other fabricated building components . . .		10.2%	10.2%	25%	6.5%	
10	-----Grills or air diffusers	-					
20	-----Roof drainage equipment	-					
90	-----Other	-					
7907.90	-Other						
7907.90.10.00	---Anodes for electro-plating	kg	Free	Free	10%	Free	
7907.90.20.00	---Discs or slugs, containing by weight 90 % or more of zinc	kg	5%	5.5%	20%	3.5%	
7907.90.90.	---Other articles of zinc		10.2%	10.2%	25%	6.5%	*
	-----Castings						
11	------Not alloyed	kg					*
12	------Alloyed	kg					*
90	-----Other	kg					

CHAPTER 79

APPENDIX

Chapter 79

ZINC AND ARTICLES THEREOF

Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Bars and rods**

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) **Profiles**

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) **Wire**

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) **Plates, sheets, strip and foil**

Flat-surfaced products (other than the unwrought products of heading No. 79.01), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading No. 79.05 applies, *inter alia*, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) **Tubes and pipes**

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Zinc, not alloyed**

Metal containing by weight at least 97.5% of zinc.

(b) **Zinc alloys**

Metallic substances in which zinc predominates by weight over each of the other elements, provided that the total content by weight of such other elements exceeds 2.5%

(c) **Zinc dust**

Dust obtained by condensation of zinc vapour, consisting of spherical particles which are finer than zinc powders. At least 80% by weight of the particles pass through a sieve with 63 micrometres (microns) mesh. It must contain at least 85% by weight of metallic zinc.

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
79.01		**Unwrought zinc.**					
		-Zinc, not alloyed:					
7901.11.00	00	--Containing by weight 99.99% or more of zinc	kg	Free	Free	4.4¢/kg	Free
7901.12.00	00	--Containing by weight less than 99.99% of zinc	kg	Free	Free	4.4¢/kg	Free
7901.20		-Zinc alloys					
7901.20.10	00	---Containing by weight 90% or more but less than 97.5% of zinc	kg	Free	Free	4.4¢/kg	Free
7901.20.20	00	---Containing by weight less than 90% of zinc	kg	15%	17.5%	25%	11.5%
79.02							
7902.00.00	**00**	**Zinc waste and scrap**	kg	Free	Free	10%	Free
79.03		**Zinc dust, powders and flakes.**					
7903.10.00	00	-Zinc dust	kg	Free	Free	4.4¢/kg	Free
7903.90		-Other					
7903.90.10	00	---Powders, not alloyed	kg	Free	4%	25%	Free
7903.90.20	00	---Alloyed powders; flakes	kg	10.2%	10.2%	25%	6.5%
79.04							
7904.00		**Zinc bars, rods, profiles and wire.**					
7904.00.10	00	---Bars, rods or profiles, containing by weight 90% or more of zinc	kg	Free	Free	10%	Free
7904.00.20		---Bars, rods or profiles, containing by weight less than 90% of zinc; wire		10.2%	10.2%	25%	6.5%
	10	-----*Bars and rods*	kg				
	20	-----*Profiles*	kg				
	30	-----*Wire*	kg				
79.05							
7905.00		**Zinc plates, sheets, strip and foil.**					
		---Containing by weight 90% or more of zinc:					
7905.00.11	00	----Products of a thickness exceeding 0.15mm but less than 4.75mm, for making offset printing plates; products of a thickness exceeding 0.15mm but less than 4.75mm, not polished, coated on one side with acid-resisting material, when imported for use by grinders and polishers, to be prepared for use in photo-engraving	kg	Free	Free	10%	Free
7905.00.19	00	----Other	kg	5%	5.5%	20%	3.5%
7905.00.20	00	---Containing by weight less than 90% of zinc	kg	10.2%	10.2%	25%	6.5%
79.06							
7906.00.00	**00**	**Zinc tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves)**	kg	10.2%	10.2%	25%	6.5%
79.07		**Other articles of zinc.**					

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
7907.10.00		-Gutters, roof capping, skylight frames and other fabricated building components		10.2%	10.2%	25%	6.5%
	10	-----*Grills or air diffusers*	-				
	20	-----*Roof drainage equipment*	-				
	90	-----*Other*	-				
7907.90		-Other					
7907.90.10	00	---Anodes for electro-plating	kg	Free	Free	10%	Free
7907.90.20	00	---Discs or slugs, containing by weight 90% or more of zinc	kg	5%	5.5%	20%	3.5%
7907.90.90		---Other		10.2%	10.2%	25%	6.5%
		-----*Castings:*					
	11	------*Alloyed*	kg				
	12	------*Not alloyed*	kg				
	90	-----*Other*	kg				

CHAPTER 80

Tin and Articles Thereof

A. Introduction

Proposed Chapter 80 incorporates, in whole or in part, 27 items of the Customs Tariff as listed below:

17900-1	Labels ... shipping, price or other tags, tickets or labels ...
33910-1	Collapsible tubes of lead or tin or lead coated with tin
34100-1	Babbitt metal and type metal in blocks, bars, plates and sheets
*34200-1	Phosphor tin in blocks, bars, plates, sheets, strips, rods and wire
*34300-1	Tin, in blocks, pigs, bars, or granular form
*34400-1	Tin strip waste and tin foil
34405-1	Composition foils ... of lead and tin ...
*34810-1	Tin plate scrap ... for use in recovering copper
	Metals, n.o.p., not including alloys ...:
35101-1	Other than the following (see 35102-1 to 35106-1)
35215-1	Screws of brass, copper or other metal, n.o.p.
35600-1	Britannia metal ... and German silver ... n.o.p.
35700-1	Britannia metal ... manufactures of, not plated, n.o.p.
*35710-1	... pewter, for use in the manufacture of pewter vessels ...
36215-1	Nickel-plated ware, gilt or electro-plated ware, n.o.p.
	Wire of all metals or alloys thereof, n.o.p.:
	Single, not coated or covered:
40121-2	N.o.p.
40122-1	Single, coated or covered
40123-1	Twisted, braided, bunched or otherwise conjoined ...
43220-1	Manufactures of tinplate ... and manufactures of tin, n.o.p.
44022-1	Manufactures...of metal, not made, for (ships, vessels)
44059-1	Equipment...not made...for use in the manufacture of aircraft...
44541-1	(Parts) for use in the manufacture of loudspeakers
45110-1	Needles, of any material or kind, n.o.p.
	Pins manufactured from wire of any metal:
45115-1	Specially designed for marking systems
45116-1	N.o.p.
47000-1	Patterns of iron, steel, brass or other metal, not being models
*62000-1	Tinsel wire ... (for use in braids, cords, tassels ...)
71100-1	All goods not enumerated in this schedule ...

B. The Board's Analysis and Recommendations

The Board did not receive any submissions relating to items of Chapter 80.

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* Indicates that goods under the present tariff item are classified only to this Chapter.

There was one instance, however, where the proposed HS rate, as revealed by the Board's analysis of this Chapter, appears to have been in error. For proposed tariff line 8003.00.20, "Bars and rods, of tin-lead-antimony alloys or phosphor-tin alloys", the tariff rate was set at 6.8%. This is the rate applicable to tariff item 34100-1 "Babbitt metal ..." (a tin-leadantimony alloy) even though imports under this tariff item account for a minority of the total trade allocated to the new tariff line. The preponderance of trade was accounted for by imports under item 34200-1 "Phosphor tin", which has an MFN rate of 5.5 p.c. It appears that the choice of the higher rate was based upon a consistency of tariff treatment for other tin-lead-antimony products elsewhere in this Chapter under tariff lines 8001.20.20 and 8004.00.10.

One solution would be to change the MFN rate for tariff line 8003.00.20 to 5.5% in accordance with the preponderance of trade method, but that would be inconsistent with the tariff treatment of tin-lead-antimony products elsewhere. Alternatively, one could change the two statistical lines 8003.00.20.10 (Bars and rods of tin-lead-antimony alloys), and 8003.00.20.20 (Bars and rods of phosphor-tin alloys) into two tariff lines with MFN rates of 6.8% and 5.5% respectively. The latter would maintain consistent tariff treatment for tin-lead-antimony alloys and for phosphor-tin alloys. The same changes would be necessary for 8004.00.10.10 and 8004.00.10.20. The Board favours this approach and so recommends.

			MFN Rate
Delete the rates of duty under 8003.00.20 and add the following:			
	---Bars and rods, of tin-lead-antimony alloys or phosphor-tin alloys		
8003.00.21.00	----Of tin-lead-antimony alloys	kg	6.8%
8003.00.22.00	----Of phosphor-tin alloys	kg	5.5%
Delete the rates of duty under 8004.00.10 and add the following:			
	---Of tin-lead-antimony alloys or phosphor-tin alloys		
8004.00.11.00	----Of tin-lead-antimony alloys	kg	6.8%
8004.00.12.00	----Of phosphor-tin alloys	kg	5.5%

The nomenclature changes recommended by the Board are listed in Table 80.1.

Table 80.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
8003.00.30.00	---Wire of tin-lead alloys (tinsel), imported by manufacturers of braids, cords, tassels, ribbons or trimmings, for use in the manufacture of such articles in their own factories . . . . Fils en alliages étain-plomb (clinquant), importés par les fabricants de tresses, cordons, glands, rubans ou garnitures, devant servir à la fabrication de ces articles dans leurs propres fabriques	2
8004.00.90	---Of tin, not alloyed, or of other tin alloys . . . . En étain non allié ou en autres alliages d'étain	3
8005.20.20.00	---Powders, alloyed; flakes	2
8007.00.00.10	-----Anodes pour galvanoplastie	2
8007.00.00.90	-----Other articles of tin . . . . Autres ouvrages en étain	3

Chapter 80

TIN AND ARTICLES THEREOF

Legal Note. *

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Bars and rods

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) Profiles

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) Wire

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) Plates, sheets, strip and foil

Flat-surfaced products (other than the unwrought products of heading No. 80.01), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,

- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading Nos. 80.04 and 80.05 apply, inter alia, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) Tubes and pipes

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole lengths, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Legal Note. *

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Tin, not alloyed

Metal containing by weight at least 99 % of tin, provided that the content by weight of any bismuth or copper is less than the limit specified in the following table:

TABLE - Other elements

	Element	Limiting content % by weight
Bi	Bismuth	0.1
Cu	Copper	0.4

(b) Tin alloys

Metallic substances in which tin predominates by weight over each of the other elements, provided that:

(i) The total content by weight of such other elements exceeds 1 %; or

(ii) the content by weight of either bismuth or copper shall be equal to or greater than the limit specified in the foregoing table.

TABLE 80.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
80.01	**Unwrought tin.**						
8001.10.00.00	-Tin, not alloyed	kg	Free	Free	Free	Free	
8001.20	-Tin alloys						
8001.20.10.00	---Tin-antimony alloys	kg	Free	Free	Free	Free	
8001.20.20.00	---Tin-lead-antimony alloys	kg	Free	6.8%	20%	Free	
8001.20.90.00	---Other	kg	10.2%	10.2%	25%	6.5%	
80.02							
8002.00.00.00	**Tin waste and scrap**	kg	Free	Free	Free	Free	
80.03	**Tin bars, rods, profiles and wire.**						
8003.00.10.	---Bars and rods, not alloyed or of tin-antimony alloys		Free	Free	Free	Free	
10	-----Not alloyed	kg					
20	-----Of tin-antimony alloys	kg					
	---Bars and rods, of tin-lead-antimony alloys or phosphor-tin alloys						*
8003.00.21.00	----Of tin-lead-antimony alloys	kg	Free	6.8%	20%	Free	*
8003.00.22.00	----Of phosphor-tin alloys	kg	5%	5.5%	10%	3.5%	*
8003.00.30.00	---Wire of tin-lead alloys (tinsel), imported by manufacturers of braids, cords, tassels, ribbons or trimmings, for use in the manufacture of such articles in their own factories	kg	Free	Free	10%	Free	*
8003.00.40.00	---Bars and rods, of other alloys; profiles; other wire	kg	10.2%	10.2%	30%	6.5%	
80.04	**Tin plates, sheets and strip, of a thickness exceeding 0.2 mm.**						
	---Of tin-lead-antimony alloys or phosphor-tin alloys						*
8004.00.11.00	----Of tin-lead-antimony alloys	kg	Free	6.8%	20%	Free	*
8004.00.12.00	----Of phosphor-tin alloys	kg	5%	5.5%	10%	3.5%	*
8004.00.90.	---Of tin, not alloyed, or of other tin alloys		10.2%	10.2%	30%	6.5%	*
10	-----Not alloyed	kg					
20	-----Of tin-antimony alloys	kg					
90	-----Other	kg					

TABLE 80.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
80.05	**Tin foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials), of a thickness (excluding any backing) not exceeding 0.2 mm; tin powders and flakes.**						
8005.10.00.00	-Foil	kg	Free	Free	Free	Free	
8005.20	-Powders and flakes						
8005.20.10.00	---Powders, not alloyed	kg	Free	4%	25%	Free	
8005.20.20.00	---Powders, alloyed; flakes	kg	10.2%	10.2%	30%	6.5%	*
80.06 **8006.00.00.00**	**Tin tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves) .**	kg	10.2%	10.2%	45%	6.5%	
80.07 **8007.00.00.**	**Other articles of tin . . . .**		10.2%	10.2%	45%	6.5%	
10	-----Anodes for electro-plating	kg					
20	-----Cooking utensils	-					
30	-----Collapsible tubes	-					
90	-----Other articles of tin	-					*

CHAPTER 80

APPENDIX

Chapter 80

TIN AND ARTICLES THEREOF

Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) **Bars and rods**

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(b) **Profiles**

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

(c) **Wire**

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

(d) **Plates, sheets, strip and foil**

Flat-surfaced products (other than the unwrought products of heading No. 80.01), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- of a shape other than rectangular or square, of any size provided that they do not assume the character of articles or products of other headings.

Heading Nos. 80.04 and 80.05 apply, *inter alia*, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(e) Tubes and pipes

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Note.

1. In this Chapter the following expressions have the meanings hereby assigned to them:

(a) Tin, not alloyed

Metal containing by weight at least 99% of tin, provided that the content by weight of any bismuth or copper is less than the limit specified in the following table:

TABLE - Other elements

Element		Limiting content % by weight
Bi	Bismuth	0.1
Cu	Copper	0.4

(b) Tin alloys

Metallic substances in which tin predominates by weight over each of the other elements, provided that:

(i) The total content by weight of such other elements exceeds 1%; or

(ii) the content by weight of either bismuth or copper shall be equal to or greater than the limit specified in the foregoing table.

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
80.01		**Unwrought tin.**					
8001.10.00	00	-Tin, not alloyed	kg	Free	Free	Free	Free
8001.20		-Tin alloys					
8001.20.10	00	---Tin-antimony alloys	kg	Free	Free	Free	Free
8001.20.20	00	---Tin-lead-antimony alloys	kg	Free	6.8%	20%	Free
8001.20.90	00	---Other	kg	10.2%	10.2%	25%	6.5%
80.02							
8002.00.00	**00**	**Tin waste and scrap**	kg	Free	Free	Free	Free
80.03							
8003.00		**Tin bars, rods, profiles and wire.**					
8003.00.10		---Bars and rods, not alloyed or of tin-antimony alloys		Free	Free	Free	Free
	10	-----*Not alloyed*	kg				
	20	-----*Of tin-antimony alloys*	kg				
8003.00.20		---Bars and rods, of tin-lead- antimony alloys or phosphor-tin alloys		Free	6.8%	20%	Free
	10	-----*Of tin-lead-antimony alloys*	kg				
	20	-----*Of phosphor-tin alloys*	kg				
8003.00.30	00	---Wire, of tin-lead alloys (tinsel), when imported by manufacturers of braids, cords, tassels, ribbons or trimmings, for use in the manufacture of such articles in their own factories	kg	Free	Free	10%	Free
8003.00.40	00	---Bars and rods, of other alloys; profiles; other wire	kg	10.2%	10.2%	30%	6.5%
80.04							
8004.00		**Tin plates, sheets and strip, of a thickness exceeding 0.2mm.**					
8004.00.10		---Of tin-lead-antimony alloys or phosphor-tin alloys		Free	6.8%	20%	Free
	10	-----*Of tin-lead-antimony alloys*	kg				
	20	-----*Of phosphor-tin alloys*	kg				
8004.00.90		---Other		10.2%	10.2%	30%	6.5%
	10	-----*Not alloyed*	kg				
	20	-----*Of tin-antimony alloys*	kg				
	90	-----*Other*	kg				
80.05		**Tin foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials), of a thickness (excluding any backing) not exceeding 0.2mm; tin powders and flakes.**					
8005.10.00	00	-Foil	kg	Free	Free	Free	Free
8005.20		-Powders and flakes					
8005.20.10	00	---Powders, not alloyed	kg	Free	4%	25%	Free
8005.20.20	00	---Alloyed powders; flakes	kg	10.2%	10.2%	30%	6.5%
80.06							
8006.00.00	**00**	**Tin tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves)**	kg	10.2%	10.2%	45%	6.5%

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

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Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
80.07							
8007.00.00		**Other articles of tin....................**		10.2%	10.2%	45%	6.5%
	10	-----*Anodes for electro-plating..........*	kg				
	20	-----*Cooking utensils.....................*	-				
	30	-----*Collapsible tubes....................*	-				
	90	-----*Other................................*	-				

CHAPTER 81

Other Base Metals; Cermets; Articles Thereof

A. Introduction

Proposed Chapter 81 incorporates, in whole or in part, 55 items of the Customs Tariff, as listed below:

31610-1	Metallic elements ... for electric lamps
32636-1	Plates, discs, and blanks of germanium ... for optical instruments
*34700-1	Chromium metal and tungsten metal ... for ... alloying
34705-1	Materials ... (in manufacturing compounds of tungsten carbide)
*34710-1	Tungsten rod and tungsten wire
*34715-1	Sponge and sponge briquettes ... of titanium
*34720-1	Sponge and sponge briquettes ... of zirconium ...
*34730-1	Bars, rods ... of zirconium ... (for nuclear reactors)
*34731-1	Seamless tubing, less than two inches ... diameter ... of zirconium
*34735-1	Tubing of titanium or titanium alloys ...
*34736-1	Sheet or strip of titanium ... for the manufacture of tubes
*34745-1	Bars, rods, plate, sheets ... of titanium or titanium alloys
*34910-1	Alloys of magnesium namely: ingots, pigs, sheets, plates ...
*34912-1	Hardener alloys ... magnesium-rare earth ... for magnesium castings
*34915-1	Magnesium scrap
*34920-1	Sheet or plate, of magnesium ...
*34925-1	Extruded tubing, of magnesium ...
*34930-1	Channel and beams of magnesium ... for mobile loading docks
	Metals, n.o.p., not including alloys, in lumps ...:
35101-1	Other than the following
*35102-1	Cadmium
*35103-1	Cobalt
*35104-1	Electrolytic manganese
*35105-1	Magnesium
*35106-1	Bismuth, n.o.p.
*35109-1	Waste or scrap metals, including alloys ... n.o.p. ...
*35110-1	Cobalt metal, in bars
*35112-1	Gallium metal, gallium scrap ... (for the recovery of gallium)
*35115-1	Metal alloy slugs, cast ... of any size or shape ...
*35120-1	Sintered silicon carbide ... in powder, pellets, scrap, ingots ...
35123-1	... Chromium metal powder ... manufacture of iron or steel plate ...
35215-1	Screws of brass, copper or other metal, n.o.p.
35525-1	Thermostatic metals ... permanently bonded ... in strips or sheets ...
	Wire of all metals or alloys thereof, n.o.p.:
	Single, not coated or covered:
40121-1	Copper and nickel
40121-2	N.o.p.
40122-1	Single, coated or covered
40123-1	Twisted, braided ... coated ... or not, including cable, rope ...

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* Indicates that goods under the present tariff item are classified only to this Chapter.

40145-1	Niobium-titanium wire ... for super conductive magnets
40190-1	Wire of alloy steel ... for the manufacture of bolts or screws
40956-1	Axels, belts and belting ... (for agricultural machinery)
43877-1	Material ... not made in Canada ... for motor vehicles
44022-1	Manufacturers of iron, brass ... (for use in ships, vessels)
44059-1	... power units ... voltage control boxes ... parts ... for aircraft
44062-1	Hinges ... microphones ... (civil aircraft)
44200-1	Articles and materials ... manufacture of (agricultural goods) ...
44205-1	Materials including all parts ... (for sawmill equipment) ...
	Transistors and other semiconductor devices; parts thereof ...:
44544-1	Other than the following (see 44544-2)
44550-1	(Parts) ... for radios, T.V. receiving sets, loudspeakers ...
44585-1	Parts and materials for use in ... electric lamps
47900-1	Materials ... (for medical equipment or goods for the disabled)
49220-1	Materials for use in the manufacture of goods (petroleum industry)
*68115-1	Cobalt-bearing scrap for recovery of the cobalt ...
69605-1	Apparatus...not made...(for use in schools, libraries, art galleries)
71100-1	All goods not enumerated in this schedule ...
84900-1	Goods which enter into cost of manufacture of fertilizers ...
95002-1	All parts and accessories ... equipment in automobiles

B. The Board's Analysis and Recommendations

The Board received only one submission which referred to goods covered by Chapter 81. Ontario Hydro contended that the MFN rate for zirconium tubing should be reduced to its preconversion rate of 10 p.c. These goods currently enter under temporary item 34731-1(1) "seamless tubing, less than two inches in outer diameter, of zirconium or zirconium alloys ..." at 10 p.c. MFN. The draft Schedule MFN rate of 10.2% was determined as a result of a preponderance of trade for tariff item 71100-1. Since temporary items were not included in the calculations to determine the proposed rates; therefore the rate of 10.2% has been properly calculated.

The Board's recommended nomenclature changes are included in Table 81.1.

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* Indicates that goods under the present tariff item are classified only to this Chapter.

(1) Presently due to expire on June 30, 1987.

Table 81.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
8101.91.90	---Other unwrought tungsten; waste and scrap . . Autres tungstène sous forme brute; déchets et débris	3
8101.91.92	----Unwrought tungsten, alloyed; waste and scrap . . . . Tungstène sous forme brute, en alliages; déchets et débris	2
8101.92.20	---Bars and rods, alloyed; profiles, plates, sheets, strip and foil . . . . Barres, en alliages; profilés, tôles, bandes et feuilles	2
8101.99	Renumber 8101.99.00.00 and apply the rates of 8101.99.90.00	2
8101.99.10.00	Delete this class. (Transferred to 8207.90.10.00)	2
8101.99.90.00	Delete this class	2
8102.91.20	---Unwrought molybdenum, alloyed; waste and scrap	2
8103.10.20	---Unwrought tantalum, alloyed; waste and scrap; powders, alloyed . . . . Tantale sous forme brute, en alliages; déchets et débris; poudres, en alliages	2
8103.10.20.10	Renumber 8103.10.20.20	2
8103.10.20.20	Renumber 8103.10.20.10	2
8104.30.10.00	Renumber 8104.30.20.00	2
8104.30.20.00	Renumber 8104.30.10.00 ---Raspings, turnings and granules; powders, alloyed . . . . Tournures et granules; poudres, en alliages	2

TABLE 81.1 (CONT.)

HS Code	Description of Goods	Reason for Change
8104.90.10	---Bars, rods, plates, sheets, strip, foil, tubes and pipes, alloyed . . . . Barres, tôles, bandes, feuilles, tubes et tuyaux, en alliages	2
8104.90.10.20	Renumber 8104.90.10.90 -----Other . . . . Autres	4
8104.90.90	---Other articles of magnesium . . . . Autres ouvrages en magnésium	3
8105.10.10	Renumber 8105.10.20.	2
8105.10.10.10	Renumber 8105.10.20.10	2
8105.10.10.20	Renumber 8105.10.20.20	2
8105.10.20	Renumber 8105.10.10. ---Mattes and other intermediate products; unwrought cobalt, alloyed; waste and scrap; powders, alloyed . . . . Mattes et autres produits intermédiaires; cobalt sous forme brute, en alliages; déchets et débris; poudres, en alliages	2
8105.10.20.10	Renumber 8105.10.10.20	2
8105.10.20.20	Renumber 8105.10.10.10 -----Mattes and other intermediate products; unwrought cobalt; powders . . . . Mattes et autres produits intermédiaires; cobalt sous forme brute; poudres	2
8105.90.90.00	---Other articles of cobalt . . . . Autres ouvrages en cobalt	3
8106.00.20	---Unwrought bismuth, alloyed; waste and scrap; powders, alloyed; articles of bismuth . . . . Bismuth sous forme brute, en alliages; déchets et débris; poudres, en alliages; ouvrages en bismuth	1&2
8106.00.20.10	Renumber 8106.00.20.20	2
8106.00.20.20	Renumber 8106.00.20.10 -----Unwrought bismuth; powders; articles of bismuth	2

TABLE 81.1 (CONT.)

HS Code	Description of Goods	Reason for Change
8107.10.20	---Unwrought cadmium, alloyed; waste and scrap; powders, alloyed . . . . Cadmium sous forme brute, en alliages; déchets et débris; poudres, en alliages	2
8107.10.20.10	Renumber 8107.10.20.20	2
8107.10.20.20	Renumber 8107.10.20.10 -----Unwrought cadmium; powders	2
8108.10.20	---Unwrought titanium, alloyed; waste and scrap; powders, alloyed . . . . Titane sous forme brute, en alliages; déchets et débris; poudres, en alliages	2
8108.10.20.20	Renumber 8108.10.20.30	2
8108.10.20.30	Renumber 8108.10.20.20	2
8108.90.00.20	-----Plates, sheets, strip and foil, not alloyed . . . . Tôles, bandes et feuilles, non allié	2
8108.90.00.40	-----Tubes and pipes, not alloyed . . . . Tubes et tuyaux, non allié	2
8108.90.00.90	-----Other articles of titanium . . . . Autres ouvrages en titane	3
8109.10.20	---Unwrought zirconium, alloyed; waste and scrap; powders, alloyed . . . . Zirconium sous forme brute, en alliages; déchets et débris; poudres, en alliages	2
8109.10.20.20	Renumber 8109.10.20.30	2
8109.10.20.30	Renumber 8109.10.20.20	2
8109.90.00.10	-----Bars and rods, alloyed . . . . Barres, en alliages	2
8109.90.00.20	-----Plates, sheets, strip and foil, alloyed . . Tôles, bandes et feuilles, en alliages	2
8109.90.00.30	-----Tubes and pipes, alloyed . . . . Tubes et tuyaux, en alliages	2
8109.90.00.90	-----Other articles of zirconium . . . . Autres ouvrages en zirconium	3

TABLE 81.1 (CONT.)

HS Code	Description of Goods	Reason for Change
8110.00.20	---Unwrought antimony, alloyed; waste and scrap; powders, alloyed; articles of antimony . . . Antimoine sous forme brute, en alliage; déchets et débris; poudres, en alliages; ouvrages en antimoine	2
8110.00.20.10	Renumber 8110.00.20.20	2
8110.00.20.20	Renumber 8110.00.20.10 -----Unwrought antimony; powders; articles of antimony.	2
8111.00.20	---Unwrought manganese, alloyed; waste and scrap; powders, alloyed; articles of manganese . . . . Manganèse sous forme brute; déchets et débris; poudres, en alliages; ouvrages en manganèse	2
8111.00.20.20	Renumber 8111.00.20.30	2
8111.00.20.30	Renumber 8111.00.20.20	2
8111.00.20.40	-----Articles of manganese	2
8112.11.20	---Unwrought beryllium, alloyed; waste and scrap; powders, alloyed . . . . Béryllium sous forme brute, en alliages; déchets et débris; poudres, en alliages	2
8112.11.20.10	Renumber 8112.10.20.20	2
8112.11.20.20	Renumber 8112.11.20.10	2
8112.20.20	---Unwrought chromium, alloyed; waste and scrap; powders, alloyed; articles of chromium . . . Chrome sous forme brute, en alliages; déchets et débris; poudres, en alliages; articles en chrome	2
8112.20.20.10	Renumber 8112.20.20.20	2
8112.20.20.20	Renumber 8112.20.20.10 -----Unwrought chromium; powders; articles of chromium	2
8112.30.20	---Unwrought germanium, alloyed; waste and scrap; powders, alloyed; articles of germanium . . . . Germanium sous forme brute, en alliages; déchets et débris, poudres, en alliages; ouvrages en germanium	2

TABLE 81.1 (CONT.)

HS Code	Description of Goods	Reason for Change
8112.30.20.10	Renumber 8112.30.20.20	2
8112.30.20.20	Renumber 8112.30.20.10 -----Unwrought germanium; powders; articles of germanium	2
8112.40.20	---Unwrought vanadium, alloyed; waste and scrap; powders, alloyed; articles of vanadium Vanadium sous forme brute, en alliages; déchets et débris; poudres, en alliages; ouvrages en vanadium	2
8112.40.20.10	Renumber 8112.40.20.20	2
8112.40.20.20	Renumber 8112.40.20.10 -----Unwrought vanadium; powders; articles of vanadium	2
8112.91.10	---Métaux sous forme brute, non alliés; poudres, non-alliés	1
8112.91.10.10	Renumber 8112.19.10.40	2
8112.91.10.20	Renumber 8112.91.10.10	2
8112.91.10.30	Renumber 8112.91.10.20	2
8112.91.10.40	Renumber 8112.91.10.30	2
8112.91.10.50	Renumber 8112.91.10.60	2
8112.91.10.90	Renumber 8112.91.10.50 ------Rhenium Rhénium	2&3
8112.91.20	---Unwrought metal, alloyed; waste and scrap; powders, alloyed Métaux sous forme brute, en alliages; déchets et débris; poudres, en alliages	1&2
8112.91.20.10	Renumber 8112.91.20.20	2
8112.91.20.20	Renumber 8112.91.20.10 -----Métaux sous forme brute; poudres	1&2
8112.91.20.21	Renumber 8112.91.20.14	2
8112.91.20.22	Renumber 8112.91.20.11	2
8112.91.20.23	Renumber 8112.91.20.12	2
8112.91.20.24	Renumber 8112.91.20.13	2

TABLE 81.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
8112.91.20.25	Renumber 8112.91.20.16	2
8112.91.20.29	Renumber 8112.91.20.15 ------Rhenium . . . . Rhénium	2&3
8112.99.00	--Articles . . . . Ouvrages	3
8112.99.00.10	Renumber 8112.99.00.40	2
8112.99.00.20	Renumber 8112.99.00.10	2
8112.99.00.30	Renumber 8112.99.00.20	2
8112.99.00.40	Renumber 8112.99.00.30	2
8112.99.00.50	Renumber 8112.99.00.60	2
8112.99.00.90	Renumber 8112.99.00.50 -----Rhenium . . . . Rhénium	2&3

Chapter 81

OTHER BASE METALS; CERMETS; ARTICLES THEREOF

Subheading Legal Note. *

1. Note 1 to Chapter 74, defining "bars and rods", "profiles", "wire" and" plates, sheets, strip and foil" shall apply, mutatis mutandis, to this Chapter.

Supplementary Legal Note. *

1. In this Chapter the following expressions have the meanings hereby assigned to them:

   (a) Not alloyed

   Metallic substances containing by weight at least 99 % of the respective base metal.

   (b) Alloyed

   Metallic substances in which the respective base metal predominates by weight over each of the other elements provided that the total content by weight of such other elements exceeds 1 %.

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
81.01	**Tungsten (wolfram) and articles thereof, including waste and scrap.**						
8101.10	-Powders						
8101.10.10.00	---Not alloyed	kg	Free	4%	25%	Free	
8101.10.20.00	---Alloyed	kg	10.2%	10.2%	25%	6.5%	
	-Other						
8101.91	--Unwrought tungsten, including bars and rods obtained simply by sintering; waste and scrap						
8101.91.10.00	---Sintered bars and rods, not alloyed	kg	Free	Free	25%	Free	*
	---Other unwrought tungsten; waste and scrap						
8101.91.91.00	----Unwrought tungsten, not alloyed	kg	Free	4%	25%	Free	
8101.91.92.	----Unwrought tungsten, alloyed; waste and scrap		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought tungsten	kg					
20	-----Waste and scrap	kg					
8101.92	--Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil						
8101.92.10.00	---Bars and rods, not alloyed	kg	Free	Free	25%	Free	
8101.92.20.	---Bars and rods, alloyed; profiles, plates, sheets, strip and foil		10.2%	10.2%	25%	6.5%	*
10	-----Not alloyed	kg					
20	-----Alloyed	kg					
8101.93	--Wire						
8101.93.10.00	---Not alloyed	kg	Free	Free	25%	Free	
8101.93.20.00	---Alloyed	kg	10.2%	10.2%	25%	6.5%	
8101.99.00.00	--Other	kg	10.2%	10.2%	25%	6.5%	*
81.02	**Molybdenum and articles thereof, including waste and scrap.**						
8102.10	-Powders						
8102.10.10.00	---Not alloyed	kg	Free	4%	25%	Free	
8102.10.20.00	---Alloyed	kg	10.2%	10.2%	25%	6.5%	
	-Other						
8102.91	--Unwrought molybdenum, including bars and rods obtained simply by sintering; waste and scrap						
8102.91.10.00	---Unwrought molybdenum, not alloyed	kg	Free	4%	25%	Free	
8102.91.20.	---Unwrought molybdenum, alloyed; waste and scrap		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought molybdenum	kg					
20	-----Waste and scrap	kg					

TABLE 81.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 81-4

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
8102.92.00.00	--Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil	kg	10.2%	10.2%	25%	6.5%	
8102.93.00.00	--Wire	kg	10.2%	10.2%	25%	6.5%	
8102.99.00.00	--Other	kg	10.2%	10.2%	25%	6.5%	
81.03	**Tantalum and articles thereof, including waste and scrap.**						
8103.10	-Unwrought tantalum, including bars and rods obtained simply by sintering; waste and scrap; powders						
8103.10.10.00	---Unwrought tantalum, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free	
8103.10.20.	---Unwrought tantalum, alloyed; waste and scrap; powders, alloyed		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought tantalum; powders	kg					*
20	-----Waste and scrap	kg					*
8103.90.00.00	-Other	kg	10.2%	10.2%	25%	6.5%	
81.04	**Magnesium and articles thereof, including waste and scrap.**						
	-Unwrought magnesium						
8104.11.00.00	--Containing at least 99.8 % by weight of magnesium	kg	4%	4%	25%	2.5%	
8104.19.00.00	--Other	kg	4%	4%	25%	Free	
8104.20.00.00	-Waste and scrap	kg	Free	Free	Free	Free	
8104.30	-Raspings, turnings and granules, graded according to size; powders						
8104.30.10.00	---Raspings, turnings and granules; powders, alloyed	kg	10.2%	10.2%	25%	6.5%	*
8104.30.20.00	---Powders, not alloyed	kg	4%	4%	25%	2.5%	*
8104.90	-Other						
8104.90.10.	---Bars, rods, plates, sheets, strip, foil, tubes and pipes, alloyed		4%	4%	25%	Free	*
10	-----Bars and rods	kg					
90	-----Other	kg					*
8104.90.90.	---Other articles of magnesium		10.2%	10.2%	35%	6.5%	*
10	-----Structural shapes	kg					
90	-----Other	kg					

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
81.05	**Cobalt mattes and other intermediate products of cobalt metallurgy; cobalt and articles thereof, including waste and scrap.**						
8105.10	-Cobalt mattes and other intermediate products of cobalt metallurgy; unwrought cobalt; waste and scrap; powders						
8105.10.10.	---Mattes and other intermediate products; unwrought cobalt, alloyed; waste and scrap; powders, alloyed		10.2%	10.2%	25%	6.5%	*
10	-----Mattes and other intermediate products; unwrought cobalt; powders	kg					*
20	-----Waste and scrap	kg					*
8105.10.20.	---Unwrought cobalt, not alloyed; powders, not alloyed		Free	Free	25%	Free	*
10	-----Unwrought cobalt	kg					*
20	-----Powders	kg					*
8105.90	-Other						
8105.90.10.00	---Bars and rods, not alloyed	kg	Free	6.8%	25%	Free	
8105.90.90.00	---Other articles of cobalt	kg	10.2%	10.2%	25%	6.5%	*
81.06	**Bismuth and articles thereof, including waste and scrap.**						
8106.00.10.00	---Unwrought bismuth, not alloyed; powders, not alloyed	kg	Free	Free	25%	Free	
8106.00.20.	---Unwrought bismuth, alloyed; waste and scrap; powders, alloyed; articles of bismuth		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought bismuth; powders; articles of bismuth	kg					*
20	-----Waste and scrap	kg					*
81.07	**Cadmium and articles thereof, including waste and scrap.**						
8107.10	-Unwrought cadmium; waste and scrap; powders						
8107.10.10.00	---Unwrought cadmium, not alloyed; powders, not alloyed	kg	Free	Free	25%	Free	
8107.10.20.	---Unwrought cadmium, alloyed; waste and scrap; powders, alloyed		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought cadmium; powders	kg					*
20	-----Waste and scrap	kg					*
8107.90.00.00	-Other	kg	10.2%	10.2%	25%	6.5%	

TABLE 81.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
81.08	**Titanium and articles thereof, including waste and scrap.**						
8108.10	-Unwrought titanium; waste and scrap; powders						
8108.10.10.	---Unwrought titanium, not alloyed; powders, not alloyed		Free	4%	25%	Free	
10	-----Unwrought titanium	kg					
20	-----Powders	kg					
8108.10.20.	---Unwrought titanium, alloyed; waste and scrap; powders, alloyed		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought titanium	kg					
20	-----Waste and scrap	kg					*
30	-----Powders	kg					*
8108.90.00.	-Other		10.2%	10.2%	25%	6.5%	
10	-----Bars and rods, not alloyed	kg					
20	-----Plates, sheets, strip and foil, not alloyed	kg					*
30	-----Anodes	kg					
40	-----Tubes and pipes, not alloyed	kg					*
50	-----Castings	kg					
90	-----Other articles of titanium	kg					*
81.09	**Zirconium and articles thereof, including waste and scrap.**						
8109.10	-Unwrought zirconium; waste and scrap; powders						
8109.10.10.00	---Unwrought zirconium; not alloyed; powders, not alloyed	kg	Free	4%	25%	Free	
8109.10.20.	---Unwrought zirconium, alloyed; waste and scrap; powders, alloyed		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought zirconium	kg					
20	-----Waste and scrap	kg					*
30	-----Powders	kg					*
8109.90.00.	-Other		10.2%	10.2%	25%	6.5%	
10	-----Bars and rods, alloyed	kg					*
20	-----Plates, sheets, strip and foil, alloyed	kg					*
30	-----Tubes and pipes, alloyed	kg					*
90	-----Other articles of zirconium	kg					*

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
81.10	**Antimony and articles thereof, including waste and scrap.**						
8110.00.10.00	---Unwrought antimony, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free	
8110.00.20.	---Unwrought antimony, alloyed; waste and scrap; powders, alloyed; articles of antimony		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought antimony; powders; articles of antimony	kg					*
20	-----Waste and scrap	kg					*
81.11	**Manganese and articles thereof, including waste and scrap.**						
8111.00.10.	---Unwrought manganese, not alloyed; powders, not alloyed		Free	Free	20%	Free	
10	-----Unwrought manganese	kg					
20	-----Powders	kg					
8111.00.20.	---Unwrought manganese, alloyed; waste and scrap; powders, alloyed; articles of manganese		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought manganese	kg					
20	-----Waste and scrap	kg					*
30	-----Powders	kg					*
40	-----Articles of manganese	kg					*
81.12	**Beryllium, chromium, germanium, vanadium, gallium, hafnium, indium, niobium (columbium), rhenium and thallium, and articles of these metals, including waste and scrap.**						
	-Beryllium						
8112.11	--Unwrought; waste and scrap; powders						
8112.11.10.00	---Unwrought beryllium, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free	
8112.11.20.	---Unwrought beryllium, alloyed; waste and scrap; powders, alloyed		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought beryllium; powders	kg					*
20	-----Waste and scrap	kg					*
8112.19.00.00	--Other	kg	10.2%	10.2%	25%	6.5%	

TABLE 81.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
8112.20	-Chromium						
8112.20.10.00	---Unwrought chromium, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free	
8112.20.20.	---Unwrought chromium, alloyed; waste and scrap; powders, alloyed; articles of chromium		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought chromium; powders; articles of chromium	kg					*
20	-----Waste and scrap	kg					*
8112.30	-Germanium						
8112.30.10.00	---Unwrought germanium, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free	
8112.30.20.	---Unwrought germanium, alloyed; waste and scrap; powders, alloyed; articles of germanium		10.2%	10.2%	25%	Free	*
10	-----Unwrought germanium; powders; articles of germanium	kg					*
20	-----Waste and scrap	kg					*
8112.40	-Vanadium						
8112.40.10.00	---Unwrought vanadium, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free	
8112.40.20.	---Unwrought vanadium, alloyed; waste and scrap; powders, alloyed; articles of vanadium		10.2%	10.2%	25%	6.5%	*
10	-----Unwrought vanadium; powders; articles of vanadium	kg					*
20	-----Waste and scrap	kg					*
	-Other						
8112.91	--Unwrought; waste and scrap; powders						
8112.91.10.	---Unwrought metal, not alloyed; powders, not alloyed		Free	4%	25%	Free	
10	-----Gallium	kg					*
20	-----Hafnium	kg					*
30	-----Indium	kg					*
40	-----Niobium (columbium)	kg					*
50	-----Rhenium	kg					*
60	-----Thallium	kg					*
8112.91.20.	---Unwrought metal, alloyed; waste and scrap; powders, alloyed		10.2%	10.2%	25%	6.5%	*
	-----Unwrought metal; powders						*
11	------Gallium	kg					*
12	------Hafnium	kg					*
13	------Indium	kg					*
14	------Niobium (columbium)	kg					*
15	------Rhenium	kg					*
16	------Thallium	kg					*
20	-----Waste and scrap	kg					*

TABLE 81.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	MFN	Gen	GP	
8112.99.00.	--Articles		10.2%	10.2%	25%	6.5%	*
10	-----Gallium	kg					*
20	-----Hafnium	kg					*
30	-----Indium	kg					*
40	-----Niobium (columbium)	kg					*
50	-----Rhenium	kg					*
60	-----Thallium	kg					*
81.13 8113.00.00.00	Cermets and articles thereof, including waste and scrap	kg	10.2%	10.2%	25%	6.5%	

CHAPTER 81

APPENDIX

Chapter 81

OTHER BASE METALS; CERMETS; ARTICLES THEREOF

Subheading Note.

1. Note 1 to Chapter 74, defining "bars and rods", "profiles", "wire" and "plates, sheets, strip and foil" shall apply, *mutatis mutandis*, to this Chapter.

Supplementary Note

1. In this Chapter the following expressions have the meanings hereby assigned to them:

    (a) Not alloyed

    Metallic substances containing by weight at least 99% of the respective base metal.

    (b) Alloyed

    Metallic substances in which the respective base metal predominates by weight over each of the other elements provided that the total content by weight of such other elements exceeds 1%.

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
81.01		**Tungsten (wolfram) and articles thereof, including waste and scrap.**					
8101.10		-Powders					
8101.10.10	00	---Not alloyed	kg	Free	4%	25%	Free
8101.10.20	00	---Alloyed	kg	10.2%	10.2%	25%	6.5%
		-Other:					
8101.91		--Unwrought tungsten, including bars and rods obtained simply by sintering; waste and scrap					
8101.91.10	00	---Sintered bars and rods, not alloyed	kg	Free	Free	25%	Free
		---Other:					
8101.91.91	00	----Unwrought tungsten, not alloyed	kg	Free	4%	25%	Free
8101.91.92		----Alloyed unwrought tungsten; waste and scrap		10.2%	10.2%	25%	6.5%
	10	-----*Unwrought tungsten*	kg				
	20	-----*Waste and scrap*	kg				
8101.92		--Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil					
8101.92.10	00	---Bars and rods, not alloyed	kg	Free	Free	25%	Free
8101.92.20		---Alloyed bars and rods; profiles; flat-surfaced products		10.2%	10.2%	25%	6.5%
	10	-----*Not alloyed*	kg				
	20	-----*Alloyed*	kg				
8101.93		--Wire					
8101.93.10	00	---Not alloyed	kg	Free	Free	25%	Free
8101.93.20	00	---Alloyed	kg	10.2%	10.2%	25%	6.5%
8101.99		--Other					
8101.99.10	00	---Cast alloy slugs, with diamonds or diamond chips embedded therein, in condition as from the mould, for use in Canadian manufactures	kg	Free	Free	Free	Free
8101.99.90	00	---Other	kg	10.2%	10.2%	25%	6.5%
81.02		**Molybdenum and articles thereof, including waste and scrap.**					
8102.10		-Powders					
8102.10.10	00	---Not alloyed	kg	Free	4%	25%	Free
8102.10.20	00	---Alloyed	kg	10.2%	10.2%	25%	6.5%
		-Other:					
8102.91		--Unwrought molybdenum, including bars and rods obtained simply by sintering; waste and scrap					
8102.91.10	00	---Unwrought molybdenum, not alloyed	kg	Free	4%	25%	Free
8102.91.20		---Alloyed unwrought molybdenum; waste and scrap		10.2%	10.2%	25%	6.5%
	10	-----*Unwrought molybdenum*	kg				
	20	-----*Waste and scrap*	kg				
8102.92.00	00	--Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil	kg	10.2%	10.2%	25%	6.5%
8102.93.00	00	--Wire	kg	10.2%	10.2%	25%	6.5%
8102.99.00	00	--Other	kg	10.2%	10.2%	25%	6.5%
81.03		**Tantalum and articles thereof, including waste and scrap.**					
8103.10		-Unwrought tantalum, including bars and rods obtained simply by sintering; waste and scrap; powders					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8103.10.10	00	---Unwrought tantalum, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free
8103.10.20		---Alloyed unwrought tantalum; alloyed powders; waste and scrap		10.2%	10.2%	25%	6.5%
	10	-----*Waste and scrap*	kg				
	20	-----*Unwrought tantalum; powders*	kg				
8103.90.00	00	-Other	kg	10.2%	10.2%	25%	6.5%
81.04		**Magnesium and articles thereof, including waste and scrap.**					
		-Unwrought magnesium:					
8104.11.00	00	--Containing at least 99.8% by weight of magnesium	kg	4%	4%	25%	2.5%
8104.19.00	00	--Other	kg	4%	4%	25%	Free
8104.20.00	00	-Waste and scrap	kg	Free	Free	Free	Free
8104.30		-Raspings, turnings and granules, graded according to size; powders					
8104.30.10	00	---Powders, not alloyed	kg	4%	4%	25%	2.5%
8104.30.20	00	---Alloyed powders; raspings, turnings or granules	kg	10.2%	10.2%	25%	6.5%
8104.90		-Other					
8104.90.10		---Alloyed bars, rods, flat-surfaced products or tubes		4%	4%	25%	Free
	10	-----*Bars and rods*	kg				
	20	-----*Flat-surfaced products or tubes*	kg				
8104.90.90		---Other		10.2%	10.2%	35%	6.5%
	10	-----*Structural shapes*	kg				
	90	-----*Other*	kg				
81.05		**Cobalt mattes and other intermediate products of cobalt metallurgy; cobalt and articles thereof, including waste and scrap.**					
8105.10		-Cobalt mattes and other intermediate products of cobalt metallurgy; unwrought cobalt; waste and scrap; powders					
8105.10.10		---Unwrought cobalt, not alloyed; powders, not alloyed		Free	Free	25%	Free
	10	-----*Unwrought cobalt*	kg				
	20	-----*Powders*	kg				
8105.10.20		---Alloyed unwrought cobalt; alloyed powders; waste and scrap; mattes and other intermediate products		10.2%	10.2%	25%	6.5%
	10	-----*Waste and scrap*	kg				
	20	-----*Unwrought cobalt; powders; mattes and other intermediate products*	kg				
8105.90		-Other					
8105.90.10	00	---Bars and rods, not alloyed	kg	Free	6.8%	25%	Free
8105.90.90	00	---Other	kg	10.2%	10.2%	25%	6.5%

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
81.06							
8106.00		**Bismuth and articles thereof, including waste and scrap.**					
8106.00.10	00	---Unwrought bismuth, not alloyed; powders, not alloyed	kg	Free	Free	25%	Free
8106.00.20		---Alloyed unwrought bismuth; alloyed powders; waste and scrap; wrought bismuth; articles		10.2%	10.2%	25%	6.5%
	10	-----*Waste and scrap*	kg				
	20	-----*Unwrought bismuth; powders; wrought bismuth; articles*	kg				
81.07		**Cadmium and articles thereof, including waste and scrap.**					
8107.10		-Unwrought cadmium; waste and scrap; powders					
8107.10.10	00	---Unwrought cadmium, not alloyed; powders, not alloyed	kg	Free	Free	25%	Free
8107.10.20		---Alloyed unwrought cadmium; alloyed powders; waste and scrap		10.2%	10.2%	25%	6.5%
	10	-----*Waste and scrap*	kg				
	20	-----*Unwrought cadmium; powders*	kg				
8107.90.00	00	-Other	kg	10.2%	10.2%	25%	6.5%
81.08		**Titanium and articles thereof, including waste and scrap.**					
8108.10		-Unwrought titanium; waste and scrap; powders					
8108.10.10		---Unwrought titanium, not alloyed; powders, not alloyed		Free	4%	25%	Free
	10	-----*Unwrought titanium*	kg				
	20	-----*Powders*	kg				
8108.10.20		---Alloyed unwrought titanium; alloyed powders; waste and scrap		10.2%	10.2%	25%	6.5%
	10	-----*Unwrought titanium*	kg				
	20	-----*Powders*	kg				
	30	-----*Waste and scrap*	kg				
8108.90.00		-Other		10.2%	10.2%	25%	6.5%
	10	-----*Bars and rods, not alloyed*	kg				
	20	-----*Flat-surfaced products, not alloyed*	kg				
	30	-----*Anodes*	kg				
	40	-----*Tubes, not alloyed*	kg				
	50	-----*Castings*	kg				
	90	-----*Other*	kg				
81.09		**Zirconium and articles thereof, including waste and scrap.**					
8109.10		-Unwrought zirconium; waste and scrap; powders					
8109.10.10	00	---Unwrought zirconium, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free
8109.10.20		---Alloyed unwrought zirconium; alloyed powders; waste and scrap		10.2%	10.2%	25%	6.5%
	10	-----*Unwrought zirconium*	kg				
	20	-----*Powders*	kg				
	30	-----*Waste and scrap*	kg				
8109.90.00		-Other		10.2%	10.2%	25%	6.5%
	10	-----*Alloyed bars and rods*	kg				
	20	-----*Alloyed flat-surfaced products*	kg				
	30	-----*Alloyed tubes*	kg				
	90	-----*Other*	kg				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
81.10							
8110.00		**Antimony and articles thereof, including waste and scrap.**					
8110.00.10	00	---Unwrought antimony, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free
8110.00.20		---Alloyed unwrought antimony; alloyed powders; waste and scrap; wrought antimony; articles		10.2%	10.2%	25%	6.5%
	10	-----*Waste and scrap*	kg				
	20	-----*Unwrought antimony; powders; wrought antimony; articles*	kg				
81.11							
8111.00		**Manganese and articles thereof, including waste and scrap.**					
8111.00.10		---Unwrought manganese, not alloyed; powders, not alloyed		Free	Free	20%	Free
	10	-----*Unwrought manganese*	kg				
	20	-----*Powders*	kg				
8111.00.20		---Alloyed unwrought manganese; alloyed powders; waste and scrap; wrought manganese; articles		10.2%	10.2%	25%	6.5%
	10	-----*Unwrought manganese*	kg				
	20	-----*Powders*	kg				
	30	-----*Waste and scrap*	kg				
	40	-----*Wrought manganese; articles*	kg				
81.12		**Beryllium, chromium, germanium, vanadium, gallium, hafnium, indium, niobium (columbium), rhenium and thallium, and articles of these metals, including waste and scrap.**					
		-Beryllium:					
8112.11		--Unwrought; waste and scrap; powders					
8112.11.10	00	---Unwrought beryllium, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free
8112.11.20		---Alloyed unwrought beryllium; alloyed powders; waste and scrap		10.2%	10.2%	25%	6.5%
	10	-----*Waste and scrap*	kg				
	20	-----*Unwrought beryllium; powders*	kg				
8112.19.00	00	--Other	kg	10.2%	10.2%	25%	6.5%
8112.20		-Chromium					
8112.20.10	00	---Unwrought chromium, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free
8112.20.20		---Alloyed unwrought chromium; alloyed powders; waste and scrap; wrought chromium; articles		10.2%	10.2%	25%	6.5%
	10	-----*Waste and scrap*	kg				
	20	-----*Unwrought chromium; powders; wrought chromium; articles*	kg				
8112.30		-Germanium					
8112.30.10	00	---Unwrought germanium, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free
8112.30.20		---Alloyed unwrought germanium; alloyed powders; waste and scrap; wrought germanium; articles		10.2%	10.2%	25%	Free
	10	-----*Waste and scrap*	kg				
	20	-----*Unwrought germanium; powders; wrought germanium; articles*	kg				
8112.40		-Vanadium					
8112.40.10	00	---Unwrought vanadium, not alloyed; powders, not alloyed	kg	Free	4%	25%	Free

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8112.40.20		---Alloyed unwrought vanadium; alloyed powders; waste and scrap; wrought vanadium; articles		10.2%	10.2%	25%	6.5%
	10	-----*Waste and scrap*	kg				
	20	-----*Unwrought vanadium; powders; wrought vanadium; articles*	kg				
		-Other:					
8112.91		--Unwrought; waste and scrap; powders					
8112.91.10		---Unwrought metal, not alloyed; powders, not alloyed		Free	4%	25%	Free
	10	-----*Niobium (columbium)*	kg				
	20	-----*Gallium*	kg				
	30	-----*Hafnium*	kg				
	40	-----*Indium*	kg				
	50	-----*Thallium*	kg				
	90	-----*Other*	kg				
8112.91.20		---Alloyed unwrought metal; alloyed powders; waste and scrap		10.2%	10.2%	25%	6.5%
	10	-----*Waste and scrap*	kg				
		-----*Unwrought metal; powders:*					
	21	------*Niobium (columbium)*	kg				
	22	------*Gallium*	kg				
	23	------*Hafnium*	kg				
	24	------*Indium*	kg				
	25	------*Thallium*	kg				
	29	------*Other*	kg				
8112.99.00		--Other		10.2%	10.2%	25%	6.5%
	10	-----*Niobium (columbium)*	kg				
	20	-----*Gallium*	kg				
	30	-----*Hafnium*	kg				
	40	-----*Indium*	kg				
	50	-----*Thallium*	kg				
	90	-----*Other*	kg				
81.13							
8113.00.00	00	**Cermets and articles thereof, including waste and scrap**	kg	10.2%	10.2%	25%	6.5%

CHAPTER 82

Tools, Implements, Cutlery, Spoons and Forks, of Base Metal; Parts Thereof of Base Metal

A. Introduction

Proposed Chapter 82 incorporates, in whole or in part, 75 items of the Customs Tariff, as listed below:

35200-1	Brass and copper nails, tacks, ... n.o.p. ...
35400-1	Manufactures of aluminum, n.o.p.
35700-1	Britannia metal, nickel silver, ... manufactures of ... n.o.p.
36200-1	Articles ... of sterling and or other silverware, n.o.p. ...
36215-1	Nickel-plated ware, gilt or electro-plated ware, n.o.p.
39200-1	Forgings, of iron or steel, in any degree of manufacture, n.o.p.
40904-1	Cultivators, harrows, seed-drills ... and complete parts ...
40916-1	Mowing machines, harvesters ... parts for the foregoing
40918-1	... machines ... for agricultural or horticultural purposes ... parts
40920-1	... machines and equipment for use in grading or packing ... parts
40924-1	All other agricultural implements or machinery, n.o.p. ... parts ...
40930-1	Scythes, sickles or reaping hooks ... n.o.p.
40954-1	Poultry processing equipment ... parts of the foregoing
	Bits and augers ... drills ... fishing tools, n.o.p.; reamers ...:
41001-1	Of a class or kind made in Canada; parts thereof
41002-1	Of a class or kind not made in Canada; parts thereof
*41004-1	Tungsten carbide inserts for ... drilling bits
41100-1	Machines for use in sawing lumber ... in the operation of logging ...
41110-1	... crozing and champhering machinery ... parts ...
41205-1	Machines...for use exclusively by...printers, lithographers...parts
41210-1	Machines and apparatus for use in...manifold business forms...parts
41305-1	Machinery and apparatus ... parts thereof ... (for) yarns, cordage ...
41700-1	Machinery ... parts ... not made ... for manufacture ... of sugar ...
41800-1	Machinery ... parts ... manufacture of fish meal ... fertilizers ...
	Machinery for ... tanning and embossing of leather; parts ...:
42000-1	Other than the following (see 42000-2)
42510-1	Gang-type lawn mowers ... drawn or pushed mechanically; parts ...
42520-1	Air-cooled internal combustions engines...parts...for lawn mowers...
42605-1	Machinery and apparatus ... for articles of cellulose acetate
42615-1	Wire stitchers and staplers ... hand or power complete parts ...
	Machines, n.o.p., and accessories, attachments ... parts ...:
42700-1	Other than the following (see 42700-2 and 42700-8)
42700-3	Buckets, digging teeth ... parts ... for goods of 42700-6
42700-4	Control equipment, tools ... use with metal working machines ...
42700-5	Household machines, electric motor driven ... accessories, parts ...
42700-6	Manufacturing machinery ... parts, accessories ...
42700-7	Metal working machines ... parts ...
42700-9	Rubber tire and tube manufacturing machines ... parts ...

* Indicates that goods under the present tariff item are classified only to this Chapter.

	Articles...otherwise classified...42700-1 to 42700-4...parts...:
42701-1	Other than the following (see 42701-3)
42701-2	High vacuum pumps ... parts, accessories, ...
42738-1	Automatic machines ... making, packaging cigars, cigarettes ... parts
42741-1	Machines for the manufacture of veneers and plywoods ... parts ...
	Cutlery of iron or steel, plated or not:
*42901-1	Knife blades, forks, spoons, scissors ... in the rough ...
*42902-1	Spoons, table knives and table forks ...
*42903-1	Penknives, jack-knives and pocket knives of all kinds
*42904-1	Knives, n.o.p.
*42906-1	Scissors and shears, n.o.p.
42907-1	Razors and complete parts thereof; razor blades, n.o.p.
*42908-1	Safety razor blades
*42915-1	Stainless steel hollow handles ... manufacture of table knives
*42920-1	Forged knife blades ... for ... manufacture of table knives
*42925-1	Knife ... blanks of stainless steel ... manufacture of flatware
*42930-1	Knife ... blanks of brass in the rough ... manufacture of cutlery
*43105-1	Shovels and spades, of iron or steel, n.o.p., and axes
*43110-1	Hoes, pronged forks, rakes, hand
*43115-1	Web saws and parts thereof
43120-1	Non-powered, hand-operated tools, implements or devices ...
43125-1	Toolmakers', machinists', metal workers' precision tools ... parts ...
*43140-1	Files and rasps
43220-1	Manufactures of tinplate ... manufactures of tin, n.o.p.
43877-1	Material ... in the manufacture of motor vehicles, parts ...
44100-1	Guns ... other firearms, n.o.p. ... other ammunition ... n.o.p.
44105-1	... for the manufacture of rifles for the Government of Canada ...
44200-1	Articles and materials ... manufacture of agricultural goods ...
44205-1	Materials, including all parts ... of metal for manufacturing ...
	Manufactures ... of iron or steel ... n.o.p.:
44603-1	Other than the following (see 44603-2 to 44603-5)
*44665-1	Head subassemblies ... for non-powered hand-operated grease guns
*46400-1	Steel dies ... for use in stamping metal sheets ...
49220-1	Materials for use in the manufacture of goods ... petroleum industry
51135-1	Climbing and mountaineering equipment ... parts ...
69605-1	Apparatus, utensils ... for non-profit organizations
71100-1	All goods not enumerated in this schedule ...
*82600-1	Wire drawing dies in the rough ...
*82605-1	Dies in the rough ... for the manufacture of bolts, nuts, nails ...
84900-1	Goods which enter into the cost of manufacture of fertilizers ...
95002-1	All parts and accessories ... equipment in automobiles ...
95004-1	All parts, and accessories ... original equipment in buses ...
95006-1	All parts, and accessories ... specified commercial vehicles ...

B. The Board's Analysis and Recommendations

Only one brief, from the Aluminum Company of Canada Limited (Alcan), was received by the Board for Chapter 82.

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* Indicates that goods under the present tariff item are classified only to this Chapter.

Alcan noted that the MFN rate for tariff item 35400-1 was adjusted from 10.2 p.c. to 10.3 p.c. as a result of the implementation of a recommendation in the Board's report on Reference 159. Alcan requested that the proposed Schedule be changed accordingly. Analysis indicates, however, that goods imported under this tariff item were not of sufficient volume to affect a change to the rate of duty of any tariff subdivision of this Chapter. Therefore, the Board recommends no change.

Analysis also revealed that there were no rate changes in this Chapter which met the Board's criteria for restoration of current rates. The Board's recommendations for nomenclature changes are included in Table 82.1.

Table 82.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
8201.30.00.10	-----Mattocks and picks Pioches et pics	2
8201.40.00.90	-----Other similar hewing tools Autres outils similaires à taillants	3
8201.90.10.00	---Serpettes	1
8202.10.00.90	-----Other hand saws Autres scies à main	3
8202.20.00.10	-----Metalworking	2
8202.91.00.10	-----For jig or sabre saws Pour scies sauteuses	2
8202.91.00.20	Delete this class	2
8202.99.00.10	-----For jig or sabre saws for woodworking Pour scies sauteuses pour le bois	2
8202.99.00.20	-----For bow or web saws Pour scies à archet ou à bûches	2
8202.99.00.30	-----For coping saws Pour scies à découper	2
8203.20.00.11	Delete from 8203.20.00.11 to 8203.20.00.19	5
8204.11.00.30	-----Combination open end and box end	2
8204.11.00.90	-----Other non-adjustable spanners and wrenches Autres clés à ouverture variable	3
8205.10.90	---Other drilling, threading or tapping tools Autres outils de perçage, de filetage ou de taraudage	3
8205.20.00.10	-----Claw hammers Marteaux à panne fendue	2

TABLE 82.1 (CONT.)

HS Code	Description of Goods	Reason for Change
8205.20.00.20	—————Ball peen hammers . . . . Marteaux de mécanicien	2
8205.20.00.30	—————Sledge hammers . . . . Masses	2
8205.20.00.90	—————Other hammers . . . . Autres marteaux	3
8205.51.00.20	Delete from 8205.51.00.20 to 8205.50.00.53	5
8205.51.00.90	—————Other household tools . . . . Autres outils d'économie domestique	3
8205.59.90	———Other hand tools . . . . Autres outils à main	3
8205.59.90.10	Delete from 8205.59.90.10 to 8205.59.90.90	5
8205.70.10.00	———Clamps and vices, precision, for toolmakers, machinists or metal workers . . . . Etaux et serre-joints, de précision, pour outilleurs, machinistes ou ouvriers en métaux	2
8207.11.10.10	—————Fleurets de perforatrices rotatives	1&2
8207.11.10.20	—————Forets	1&2
8207.11.90.00	———Other, including augers used in the exploration or drilling for water . . . . . . Autres, y compris les forets utilisés pour l'exploration ou le forage pour puits d'eau	3
8207.12	Renumber 8207.12.00. and apply the rates of 8207.12.90	6
8207.12.10	Delete this class	6
8207.12.10.10	Renumber 8207.12.00.10 —————Fleurets de perforatrices rotatives	1&2
8207.12.10.20	Renumber 8207.12.00.30 —————Trépans carottiers, autres qu'au diamant .	1&2
8207.12.10.30	Renumber 8207.12.00.50 —————Forets	1&2
8207.12.90	Delete this class	6
8207.12.90.10	Renumber 8207.12.00.20	6

TABLE 82.1 (CONT.)

HS Code	Description of Goods	Reason for Change
8207.12.90.20	Renumber 8207.12.00.40 -----Trépans carottiers, à pointe de diamant . .	2
8207.12.90.90	Renumber 8207.12.00.90	2
8207.20.10.00	---Dies for drawing wire in the rough	1
8207.20.90	---Other dies for drawing or extruding metal . . Autres filières pour l'étirage ou le filage (extrusion) des métaux	3
8207.20.90.10	Delete from 8207.20.90.10 to 8207.20.90.20	5
8207.30.00.10	Delete 8207.30.00.10 and 8207.30.00.20	5
8207.50.00.10	-----Drill bits for metalworking . . . . Trépans pour les métaux	1
8207.50.00.12	Delete this class	5
8207.50.00.13	Delete this class	5
8207.50.00.19	------Other drill bits for metalworking . . . . Autres outils à percer les métaux	3
8207.50.00.20	-----Drill bits for woodworking . . . . Trépans pour le bois	1
8207.50.00.90	New class -----Other tools for drilling . . . . Autres outils à percer	2
8207.60.00.10	New scope -----Tungsten carbide tipped . . . . A pointe au carbure de tungstène	5
8207.60.00.11	Delete from 8207.60.00.11 to 8207.60.00.21	5
8207.60.00.29	Renumber 8207.60.00.90	5
8207.70.00.19	------Other milling cutters . . . . Autres fraises	3
8207.70.00.20	Renumber 8207.70.00.90 -----Other . . . . Autres	2
8207.70.00.21	Renumber 8207.70.00.91	2
8207.70.00.29	Renumber 8207.70.00.99	2
8207.80.00.30	Delete this class	5

TABLE 82.1 (CONT.)

HS Code	Description of Goods	Reason for Change
8207.80.00.40	Delete this class	5
8207.90.00.19	------Other gear cutting tools Autres outils à tailler les engrenages	3
8207.90.00.29	------Other rotary files Autres limes rotatives	3
8207.90.00.39	------Other rotary burrs Autres burins rotatifs	3
8207.90.00.42	Delete this class	5
8207.90.00.43	Delete this class	5
8207.90.00.44	Delete this class	5
8207.90.00.45	Delete this class	5
8207.90.00.91	Delete from 8207.90.00.91 to 8207.90.00.99	5
8208.40.10.00	---Of the goods of tariff item No. 8433.20.10, 8433.30.00, 8433.40.00, 8433.51.00, 8433.52.00, 8433.53.00, 8433.59.00, 8433.90.90, 8436.10.00, 8436.80.10 or 8436.99.20 Des marchandises du n° 8433.20.10, 8433.30.00, 8433.40.00, 8433.51.00, 8433.52.00, 8433.53.00, 8433.59.00, 8433.90.90, 8436.10.00, 8436.80.10 ou 8436.99.20 NOTE: tariff item 8436.99.90 does not exist	2
8208.90.00.00	-Other knives and cutting blades Autres couteaux et lames tranchantes	3
8210.00.00.10	Delete from 8210.00.00.10 to 8210.00.00.90 and replace with the following four entries	5
8210.00.00.10	-----Food processors Robots culinaires	
8210.00.00.20	-----Can openers Ouvre-boîtes	
8210.00.00.30	-----Mixers Mélangeurs	
8210.00.00.90	-----Other appliances Autres appareils	

TABLE 82.1 (CONT.)

HS Code	Description of Goods	Reason for Change
8211.91.90	---Other table knives having fixed blades . . . Autres couteaux de table à lame fixe	3
8211.92.00.90	-----Other knives having fixed blades . . . . . Autres couteaux à lame fixe	3
8211.94.00.90	-----Other blades . . . . Autres lames	3
8213.00.10	---Scissors and shears . . . . Ciseaux	2
8213.00.10.10	-----Blades of a length not exceeding 150 mm . . Lames d'une longueur n'excédant pas 150 mm	2
8213.00.10.20	-----Blades of a length exceeding 150 mm . . . . Lames d'une longueur excédant 150 mm	2
8214.10.00.90	Renumber 8214.10.00.20 -----Paper knives, letter openers and erasing knives; blades . . . . Coupe-papier, ouvre-lettres et grattoirs; lames	3
8214.90.10.00	---Tondeuses pour animaux, devant servir sur la ferme	2
8214.90.90	---Other articles of cutlery . . . . Autres articles de coutellerie	3
8215.10.10.00	---Containing spoons, knives and forks, of a kind used at the table . . . . Contenant des cuillers, couteaux et fourchettes, des types utilisés pour la table	2
8215.20.10	---Containing spoons, knives and forks, of a kind used at the table . . . . Contenant des cuillers, couteaux et fourchettes, des types utilisés pour la table	2
8215.20.90	---Other sets of assorted articles . . . . Autres assortiments	3
8215.20.90.10	------Sets containing a carving-knive, a fork and a steel . . . . Assortiments contenant un couteau à découper, une fourchette et un affiloir	4
8215.20.90.20	------Sets containing a ladle, a masher, a large fork, a spatula and similar articles . . . Assortiments contenant une louche, un pilon, une grosse fourchette, une spatule et articles similaires	4

TABLE 82.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
8215.91.10.00	---Spoons and forks, of a kind used at the table . . . . Cuillers et fourchettes, des types utilisés pour la table	2
8215.99	--Other kitchen and tableware . . . . Autres articles de cuisine ou de table	3
8215.99.10	---Spoons and forks, of a kind used at the table . . . . Cuillers et fourchettes, des types utilisés pour la table	2
8215.99.20.00	---Spoon blanks and table forks in the rough . . Ebauches de cuillers et fourchettes de table à l'état brut	2
8215.99.90	---Other kitchen and tableware . . . . Autres articles de cuisine ou de table	3

LEGAL NOTES RECOMMENDED BY THE BOARD

Chapter 82

TOOLS, IMPLEMENTS, CUTLERY, SPOONS AND FORKS, OF BASE METAL; PARTS THEREOF OF BASE METAL

*

Legal Notes.

1. Apart from blow lamps, portable forges, grinding wheels with frameworks, manicure or pedicure sets, and goods of heading No. 82.09, this Chapter covers only articles with a blade, working edge, working surface or other working part of:

   (a) Base metal;

   (b) Metal carbides or cermets;

   (c) Precious or semi-precious stones (natural, synthetic or reconstructed) on a support of base metal, metal carbide or cermet; or

   (d) Abrasive materials on a support of base metal, provided that the articles have cutting teeth, flutes, grooves, or the like of base metal, which retain their identity and function after the application of the abrasive.

2. Parts of base metal of the articles of this Chapter are to be classified with the articles of which they are parts, except parts separately specified as such and tool-holders for hand tools (heading No. 84.66). However, parts of general use as defined in Note 2 to Section XV are in all cases excluded from this Chapter.

   Heads, blades or cutting plates for electric shavers or electric hair clippers are to be classified in heading No. 85.10.

3. Sets consisting of one or more knives of heading No. 82.11 and at least an equal number of articles of heading No. 82.15 are to be classified in heading No. 82.15.

TABLE 82.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
82.01	**Hand tools, the following: spades, shovels, mattocks, picks, hoes, forks and rakes; axes, bill hooks and similar hewing tools; secateurs of any kind; scythes, sickles, hay knives, hedge shears, timber wedges and other tools of a kind used in agriculture, horticulture or forestry.**						
8201.10.00.00	-Spades and shovels	No.	10%	10%	25%	6.5%	
8201.20.00.00	-Forks	No.	10%	10%	25%	6.5%	
8201.30.00.	-Mattocks, picks, hoes and rakes		10%	10%	25%	6.5%	
10	-----Mattocks and picks	No.					*
20	-----Hoes	No.					
30	-----Rakes	No.					
8201.40.00.	-Axes, bill hooks and similar hewing tools		10%	10%	25%	6.5%	
10	-----Axes	No.					
20	-----Hatchets	No.					
30	-----Matchets (matchetes)	No.					
40	-----Adzes	No.					
90	-----Other similar hewing tools	No.					*
8201.50.00.00	-One-handed secateurs (including poultry shears)	-	Free	17.5%	30%	Free	
8201.60	-Hedge shears, two-handed pruning shears and similar two-handed shears						
8201.60.10.00	---Pruning shears	-	Free	Free	Free	Free	
8201.60.90.00	---Other	-	Free	17.5%	30%	Free	
8201.90	-Other hand tools of a kind used in agriculture, horticulture or forestry						
8201.90.10.00	---Pruning hooks	-	Free	Free	Free	Free	
8201.90.90.00	---Other	-	10%	10%	35%	6.5%	
82.02	**Hand saws; blades for saws of all kinds (including slitting, slotting or toothless saw blades).**						
8202.10.00.	-Hand saws		10%	10%	35%	6.5%	
10	-----Bow or web saws	-					
20	-----Coping saws	-					
30	-----Keyhole saws	-					
40	-----Hack saws	-					*
90	-----Other hand saws	-					

TABLE 82.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 82-4

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
8202.20.00.	-Band saw blades		10%	10%	35%	6.5%	
10	-----Metalworking	-					*
90	-----Other	-					
	-Circular saw blades (including slitting or slotting saw blades)						
8202.31.00.00	--With working part of steel	-	10%	10%	35%	6.5%	
8202.32.00.00	--With working part of other materials . . .	-	10%	10%	35%	6.5%	
8202.40.00.00	-Chain saw blades	-	10%	10%	35%	6.5%	
	-Other saw blades						
8202.91.00.	--Straight saw blades, for working metal . .		10%	10%	35%	6.5%	
10	-----For jig or sabre saws	-					*
90	-----Other	-					
8202.99.00.	--Other		10%	10%	35%	6.5%	
10	-----For jig or sabre saws for woodworking .	No.					*
20	-----For bow or web saws	No.					*
30	-----For coping saws	No.					*
90	-----Other	No.					
82.03	**Files, rasps, pliers (including cutting pliers), pincers, tweezers, metal cutting shears, pipe-cutters, bolt croppers, perforating punches and similar hand tools.**						
8203.10.00.00	-Files, rasps and similar tools	No.	10%	10.2%	35%	6.5%	
8203.20.00.	-Pliers (including cutting pliers), pincers, tweezers and similar tools		10.2%	10.2%	45%	6.5%	
10	-----Pliers	No.					*
20	-----Pincers, tweezers and similar tools . .	No.					
8203.30	-Metal cutting shears and similar tools						
8203.30.10.00	---Shears	-	Free	17.5%	30%	Free	
8203.30.90.00	---Other	-	10.2%	10.2%	45%	6.5%	
8203.40.00.	-Pipe-cutters, bolt croppers, perforating punches and similar tools		10.2%	10.2%	45%	6.5%	
10	-----Pipe-cutters	-					
20	-----Perforating punches	-					
30	-----Bolt croppers and similar tools	-					

TABLE 82.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
82.04	**Hand-operated spanners and wrenches (including torque meter wrenches but not including tap wrenches); interchangeable spanner sockets, with or without handles.**						
	-Hand-operated spanners and wrenches						
8204.11.00.	--Non-adjustable		10%	11.2%	35%	7%	
10	-----Open end	-					
20	-----Box end	-					
30	-----Combination open end and box end . . .	-					*
40	-----Torque	-					
90	-----Other non-adjustable spanners and wrenches	-					*
8204.12.00.	--Adjustable		10%	11.2%	35%	7%	
10	-----Pipe wrench	-					
90	-----Other	-					
8204.20.00.00	-Interchangeable spanner sockets, with or without handles	-	10%	11.2%	35%	7%	
82.05	**Hand tools (including glaziers' diamonds), not elsewhere specified or included; blow lamps; vices, clamps and the like, other than accessories for and parts of, machine tools; anvils; portable forges; hand or pedal-operated grinding wheels with frameworks.**						
8205.10	-Drilling, threading or tapping tools						
8205.10.10.00	---Die stocks	-	Free	6.3%	20%	Free	
8205.10.90.	---Other drilling, threading or tapping tools		10.5%	10.5%	35%	7%	*
10	-----Drills	-					
20	-----Braces	-					
90	-----Other	-					
8205.20.00.	-Hammers and sledge hammers		10.5%	10.5%	35%	7%	
10	-----Claw hammers	No.					*
20	-----Ball peen hammers	No.					*
30	-----Sledge hammers	No.					*
90	-----Other hammers	No.					*
8205.30.00.	-Planes, chisel, gouges and similar cutting tools for working wood		10.5%	10.5%	35%	7%	
10	-----Planes	-					
20	-----Chisels	-					
30	-----Gouges and similar cutting tools . . .	-					

TABLE 82.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 82-6

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
8205.40.00.00	-Screwdrivers	-	10.5%	10.5%	35%	7%	
	-Other hand tools (including glaziers' diamonds)						
8205.51.00.	--Household tools		10.5%	10.5%	35%	7%	
10	-----Can openers	-					
90	-----Other household tools	-					*
8205.59	--Other						
8205.59.10.00	---Stapling or tacking guns	No.	4%	4%	35%	2.5%	
8205.59.90.00	---Other hand tools	No.	10.5%	10.5%	35%	7%	*
8205.60.00.00	-Blow lamps	-	10.5%	10.5%	35%	7%	
8205.70	-Vices, clamps and the like						
8205.70.10.00	---Clamps and vices, precision, for toolmakers, machinists or metal workers . . .	-	Free	6.3%	20%	Free	*
8205.70.90.00	---Other	-	10.5%	10.5%	35%	7%	
8205.80.00.00	-Anvils; portable forges; hand or pedal-operated grinding wheels with frameworks .	-	10.5%	10.5%	35%	7%	
8205.90.00.00	-Sets of articles of two or more of the foregoing subheadings	-	10.5%	10.5%	35%	7%	
82.06 **8206.00.00.00**	**Tools of two or more of the heading Nos. 82.02 to 82.05, put up in sets for retail sale**	-	10.5%	10.5%	35%	7%	
82.07	**Interchangeable tools for hand tools, whether or not power-operated, or for machine-tools (for example, for pressing, stamping, punching, tapping, threading, drilling, boring, broaching, milling, turning or screw driving), including dies for drawing or extruding metal, and rock drilling or earth boring tools.**						
	-Rock drilling or earth boring tools						
8207.11	--With working part of sintered metal carbide or cermets						
8207.11.10.	---Rotary rock drill bits; augers, other than those used in the exploration or drilling for water		Free	Free	Free	Free	
10	-----Rotary rock drill bits	No.					
20	-----Augers	No.					

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
8207.11.90.00	---Other, including augers used in the exploration or drilling for water . . .	No.	2.5%	9.2%	35%	2.5%	*
8207.12.00.	--With working part of other material . . .		2.5%	9.2%	35%	2.5%	*
10	-----Rotary rock drill bits	No.					*
20	-----Percussion rock drill bits	No.					*
30	-----Non-diamond type core drill bits . . .	No.					*
40	-----Diamond type core drill bits	-					*
50	-----Augers	No.					*
90	-----Other	No.					*
8207.20	-Dies for drawing or extruding metal						
8207.20.10.00	---Dies for drawing wire in the rough . . .	No.	Free	4%	35%	Free	*
8207.20.90.00	---Other dies for drawing or extruding metal	No.	2.5%	9.2%	35%	2.5%	*
8207.30.00.00	-Tools for pressing, stamping or punching .	No.	2.5%	9.2%	35%	2.5%	*
8207.40.00.	-Tools for tapping or threading		2.5%	9.2%	35%	2.5%	
10	-----For tapping	No.					
20	-----For threading	No.					
8207.50.00.	-Tools for drilling, other than for rock drilling		2.5%	9.2%	35%	2.5%	
	-----Drill bits for metal working						
11	------Tungsten carbide tipped	No.					*
19	------Other drill bits for metal working . .	No.					*
20	-----Drill bits for wood working	No.					*
90	-----Other tools for drilling	No.					*
8207.60.00.	-Tools for boring or broaching		2.5%	9.2%	35%	2.5%	
10	-----Tungsten carbide tipped	No.					*
90	-----Other	No.					*
8207.70.00.	-Tools for milling		2.5%	9.2%	35%	2.5%	
	-----Milling cutters						
11	------Tungsten carbide tipped	No.					*
19	------Other milling cutters	No.					*
	-----Other						
91	------Tungsten carbide tipped	No.					*
99	------Other	No.					*
8207.80.00.	-Tools for turning		2.5%	9.2%	35%	2.5%	
10	-----Tungsten carbide tipped	No.					
20	-----Diamond point	No.					
90	-----Other	No.					
8207.90.00.	-Other interchangeable tools		2.5%	9.2%	35%	2.5%	
	-----Gear cutting						
11	------Hob	No.					
19	------Other gear cutting tools	No.					*

TABLE 82.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
8207.90.00.	-----Rotary files						
(cont.) 21	------Tungsten carbide tipped	No.					
29	------Other rotary files	No.					*
	-----Rotary burrs						
31	------Tungsten carbide tipped	No.					
39	------Other rotary burrs	No.					*
	-----Dies						
41	------Tungsten carbide tipped	No.					
49	------Other	No.					
90	-----Other tools	No.					*
82.08	**Knives and cutting blades, for machines or for mechanical appliances.**						
8208.10.00.	-For metal working		2.5%	9.2%	35%	2.5%	
10	-----Guillotine knives	No.					
90	-----Other	No.					
8208.20.00.	-For wood working		2.5%	9.2%	35%	2.5%	
10	-----Planing blade	-					
20	-----Veneer cutting blade	-					
90	-----Other	-					
8208.30.00.00	-For kitchen appliances or for machines used by the food industry	-	2.5%	9.2%	35%	2.5%	
8208.40	-For agricultural, horticultural or forestry machines						
8208.40.10.00	---Of the goods of tariff item No. 8433.20.10, 8433.30.00, 8433.40.00, 8433.51.00, 8433.52.00, 8433.53.00, 8433.59.00, 8433.90.90, 8436.10.00, 8436.80.10 or 8436.99.20	-	Free	Free	Free	Free	*
8208.40.90.00	---Other	-	2.5%	9.2%	35%	2.5%	
8208.90.00.00	-Other knives and cutting blades	-	2.5%	9.2%	35%	2.5%	*
82.09	**Plates, sticks, tips and the like for tools, unmounted, of sintered metal carbides or cermets.**						
8209.00.10.00	---Tungsten carbide inserts for attachment to rock or coal drilling bits	-	5%	5.5%	25%	3.5%	
8209.00.90.00	---Other	-	2.5%	9.2%	35%	2.5%	

TABLE 82.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
82.10 8210.00.00.	**Hand-operated mechanical appliances, weighing 10 kg or less, used in the preparation, conditioning or serving of food or drink**		2.5%	9.2%	35%	2.5%	
10	-----Food processors	-					*
20	-----Can openers	-					*
30	-----Mixers	-					*
90	-----Other appliances	-					*
82.11	**Knives with cutting blades, serrated or not (including pruning knives), other than knives of heading No. 82.08, and blades therefor.**						
8211.10	-Sets of assorted articles						
8211.10.10.00	---Table cutlery	-	15%	17.5%	35%	11.5%	
8211.10.90.00	---Other	-	Free	11.3%	30%	Free	
	-Other						
8211.91	--Table knives having fixed blades						
8211.91.10.00	---Carving knives	-	Free	11.3%	30%	Free	
8211.91.90.	---Other table knives having fixed blades .		15%	17.5%	35%	11.5%	*
10	-----Steak knives	-					
90	-----Other	-					
8211.92.00.	--Other knives having fixed blades		Free	11.3%	30%	Free	
10	-----Hunting knives	-					
20	-----Butcher knives	-					
30	-----Paring knives	-					*
90	-----Other knives having fixed blades . . .	-					
8211.93.00.00	--Knives having other than fixed blades . .	-	Free	10.2%	30%	Free	
8211.94.00.	--Blades		Free	5.5%	10%	Free	
10	-----For table cutlery	-					*
90	-----Other blades	-					
82.12	**Razors and razor blades (including razor blade blanks in strips).**						
8212.10.00.00	-Razors	No.	Free	10.2%	30%	Free	
8212.20.00.00	-Safety razor blades, including razor blade blanks in strips	No.	Free	9%	30%	Free	
8212.90.00.00	-Other parts	No.	Free	10.2%	30%	Free	

TABLE 82.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

PAGE 82-10

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
82.13	**Scissors, tailors' shears and similar shears, and blades therefor.**						
8213.00.10.	---Scissors and shears		Free	17.5%	30%	Free	*
	-----Blades of a length not exceeding 150 mm						*
11	------Manicure	No.					
19	------Other.	No.					
20	-----Blades of a length exceeding 150 mm . .	No.					*
8213.00.20.00	---Blanks	-	Free	5.5%	10%	Free	
8213.00.30.00	---Blades	-	10.2%	10.2%	45%	6.5%	
82.14	**Other articles of cutlery (for example, hair clippers, butchers' or kitchen cleavers, choppers and mincing knives, paper knives); manicure or pedicure sets and instruments (including nail files).**						
8214.10.00.	-Paper knives, letter openers, erasing knives, pencil sharpeners and blades therefor		10.2%	10.2%	45%	6.5%	
10	-----Pencil sharpeners	-					
20	-----Paper knives, letter openers and erasing knives; blades	-					*
8214.20.00.00	-Manicure or pedicure sets and instruments (including nail files)	-	10.2%	10.2%	45%	6.5%	
8214.90	-Other						
8214.90.10.00	---Animal clippers for use on the farm . . .	-	Free	Free	Free	Free	
8214.90.90.	---Other articles of cutlery		11%	11%	45%	7%	*
10	-----Cleavers	-					
90	-----Other	-					
82.15	**Spoons, forks, ladles, skimmers, cake-servers, fish-knives, butter-knives, sugar tongs and similar kitchen or tableware.**						
8215.10	-Sets of assorted articles containing at least one article plated with precious metal						
8215.10.10.00	---Containing spoons, knives and forks, of a kind used at the table	-	15%	17.5%	35%	11.5%	*
8215.10.90.00	---Other	-	10.7%	10.7%	45%	7%	

TABLE 82.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
8215.20	-Other sets of assorted articles						
8215.20.10.	---Containing spoons, knives and forks, of a kind used at the table		15%	17.5%	35%	11.5%	*
10	-----Stainless steel	-					
90	-----Other	-					
8215.20.90.	---Other sets of assorted articles		10.2%	10.2%	45%	6.5%	*
10	-----Sets containing a carving-knive, a fork and a steel	-					*
20	-----Sets containing a ladle, a masher, a large fork, a spatula and similar articles	-					*
90	-----Other	-					
	-Other						
8215.91	--Plated with precious metal						
8215.91.10.00	---Spoons and forks, of a kind used at the table	-	15%	17.5%	35%	11.5%	*
8215.91.90.00	---Other	-	10.7%	10.7%	45%	7%	
8215.99	--Other kitchen and tableware						*
8215.99.10.	---Spoons and forks, of a kind used at the table		15%	17.5%	35%	11.5%	*
10	-----Stainless steel	-					
90	-----Other	-					
8215.99.20.00	---Spoon blanks and table forks in the rough	-	Free	5.5%	10%	Free	*
8215.99.90.	---Other kitchen and tableware		10.2%	10.2%	45%	6.5%	*
10	-----Carving forks	-					
90	-----Other	-					

CHAPTER 82

APPENDIX

Chapter 82

TOOLS, IMPLEMENTS, CUTLERY, SPOONS AND FORKS, OF BASE METAL; PARTS THEREOF OF BASE METAL

Notes.

1. Apart from blow lamps, portable forges, grinding wheels with frameworks, manicure or pedicure sets, and goods of heading No. 82.09, this Chapter covers only articles with a blade, working edge, working surface or other working part of:

   (a) Base metal;

   (b) Metal carbides or cermets;

   (c) Precious or semi-precious stones (natural, synthetic or reconstructed) on a support of base metal, metal carbide or cermet; or

   (d) Abrasive materials on a support of base metal, provided that the articles have cutting teeth, flutes, grooves, or the like, of base metal, which retain their identity and function after the application of the abrasive.

2. Parts of base metal of the articles of this Chapter are to be classified with the articles of which they are parts, except parts separately specified as such and tool-holders for hand tools (heading No. 84.66). However, parts of general use as defined in Note 2 to Section XV are in all cases excluded from this Chapter.

   Heads, blades or cutting plates for electric shavers or electric hair clippers are to be classified in heading No. 85.10.

3. Sets consisting of one or more knives of heading No. 82.11 and at least an equal number of articles of heading No. 82.15 are to be classified in heading No. 82.15.

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
82.01		**Hand tools, the following: spades, shovels, mattocks, picks, hoes, forks and rakes; axes, bill hooks and similar hewing tools; secateurs of any kind; scythes, sickles, hay knives, hedge shears, timber wedges and other tools of a kind used in agriculture, horticulture or forestry.**					
8201.10.00	00	-Spades and shovels	No	10%	10%	25%	6.5%
8201.20.00	00	-Forks	No	10%	10%	25%	6.5%
8201.30.00		-Mattocks, picks, hoes and rakes		10%	10%	25%	6.5%
	10	-----*Mattocks or picks*	No				
	20	-----*Hoes*	No				
	30	-----*Rakes*	No				
8201.40.00		-Axes, bill hooks and similar hewing tools		10%	10%	25%	6.5%
	10	-----*Axes*	No				
	20	-----*Hatchets*	No				
	30	-----*Matchets (machetes)*	No				
	40	-----*Adzes*	No				
	90	-----*Other*	No				
8201.50.00	00	-One-handed secateurs (including poultry shears)	-	Free	17.5%	30%	Free
8201.60		-Hedge shears, two-handed pruning shears and similar two-handed shears					
8201.60.10	00	---Pruning shears	-	Free	Free	Free	Free
8201.60.90	00	---Other	-	Free	17.5%	30%	Free
8201.90		-Other hand tools of a kind used in agriculture, horticulture or forestry					
8201.90.10	00	---Pruning hooks	-	Free	Free	Free	Free
8201.90.90	00	---Other	-	10%	10%	35%	6.5%
82.02		**Hand saws; blades for saws of all kinds (including slitting, slotting or toothless saw blades).**					
8202.10.00		-Hand saws		10%	10%	35%	6.5%
	10	-----*Bow or web saws*	-				
	20	-----*Coping saws*	-				
	30	-----*Keyhole saws*	-				
	40	-----*Hack saws*	-				
	90	-----*Other*	-				
8202.20.00		-Band saw blades		10%	10%	35%	6.5%
	10	-----*Metal working*	-				
	90	-----*Other*	-				
		-Circular saw blades (including slitting or slotting saw blades):					
8202.31.00	00	--With working part of steel	-	10%	10%	35%	6.5%
8202.32.00	00	--With working part of other materials	-	10%	10%	35%	6.5%
8202.40.00	00	-Chain saw blades	-	10%	10%	35%	6.5%
		-Other saw blades:					
8202.91.00		--Straight saw blades, for working metal		10%	10%	35%	6.5%
	10	-----*Jig or sabre saw blades*	-				
	20	-----*Hack saw blades*	-				
	90	-----*Other*	-				

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8202.99.00		--Other		10%	10%	35%	6.5%
	10	*-----Jig or sabre saw blades for wood working*	No				
	20	*-----Bow or web saw blades*	No				
	30	*-----Coping saw blades*	No				
	90	*-----Other*	No				
82.03		**Files, rasps, pliers (including cutting pliers), pincers, tweezers, metal cutting shears, pipe-cutters, bolt croppers, perforating punches and similar hand tools.**					
8203.10.00	00	-Files, rasps and similar tools	No	10%	10.2%	35%	6.5%
8203.20.00		-Pliers (including cutting pliers), pincers, tweezers and similar tools		10.2%	10.2%	45%	6.5%
		-----Pliers:					
	11	*------Cutting*	No				
	12	*------Slip joint*	No				
	19	*------Other*	No				
	20	*-----Pincers, tweezers and similar tools*	No				
8203.30		-Metal cutting shears and similar tools					
8203.30.10	00	---Shears	-	Free	17.5%	30%	Free
8203.30.90	00	---Other	-	10.2%	10.2%	45%	6.5%
8203.40.00		-Pipe-cutters, bolt croppers, perforating punches and similar tools		10.2%	10.2%	45%	6.5%
	10	*-----Pipe cutters*	-				
	20	*-----Perforating punches*	-				
	30	*-----Bolt croppers and similar tools*	-				
82.04		**Hand-operated spanners and wrenches (including torque meter wrenches but not including tap wrenches); interchangeable spanner sockets, with or without handles.**					
		-Hand-operated spanners and wrenches:					
8204.11.00		--Non-adjustable		10%	11.2%	35%	7%
	10	*-----Open end*	-				
	20	*-----Box end*	-				
	30	*-----Combination*	-				
	40	*-----Torque*	-				
	90	*-----Other*	-				
8204.12.00		--Adjustable		10%	11.2%	35%	7%
	10	*-----Pipe wrench*	-				
	90	*-----Other*	-				
8204.20.00	00	-Interchangeable spanner sockets, with or without handles	-	10%	11.2%	35%	7%
82.05		**Hand tools (including glaziers' diamonds), not elsewhere specified or included; blow lamps; vices, clamps and the like, other than accessories for and parts of, machine tools; anvils; portable forges; hand or pedal-operated grinding wheels with frameworks.**					
8205.10		-Drilling, threading or tapping tools					
8205.10.10	00	---Die stocks	-	Free	6.3%	20%	Free
8205.10.90		---Other		10.5%	10.5%	35%	7%
	10	*-----Drills*	-				
	20	*-----Braces*	-				
	90	*-----Other*	-				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8205.20.00		-Hammers and sledge hammers		10.5%	10.5%	35%	7%
	10	-----*Claw*	No				
	20	-----*Ball peen*	No				
	30	-----*Sledge*	No				
	90	-----*Other*	No				
8205.30.00		-Planes, chisels, gouges and similar cutting tools for working wood		10.5%	10.5%	35%	7%
	10	-----*Planes*	-				
	20	-----*Chisels*	-				
	30	-----*Gouges and similar cutting tools*	-				
8205.40.00	00	-Screwdrivers	-	10.5%	10.5%	35%	7%
		-Other hand tools (including glaziers' diamonds):					
8205.51.00		--Household tools		10.5%	10.5%	35%	7%
	10	-----*Can openers*	-				
	20	-----*Bottle openers*	-				
	30	-----*Steels or other knife sharpeners*	-				
	40	-----*Can keys*	-				
		-----*Slicers, cutters, graters or mincers:*					
	51	------*Slicers*	-				
	52	------*Cutters*	-				
	53	------*Graters or mincers*	-				
	90	-----*Other*	-				
8205.59		--Other					
8205.59.10	00	---Stapling or tacking guns	No	4%	4%	35%	2.5%
8205.59.90		---Other		10.5%	10.5%	35%	7%
		-----*Lubricators:*					
	11	------*Grease guns*	No				
	12	------*Oil cans*	No				
	19	------*Other*	No				
	20	-----*Glaziers' diamonds*	No				
	90	-----*Other*	No				
8205.60.00	00	-Blow lamps	-	10.5%	10.5%	35%	7%
8205.70		-Vices, clamps and the like					
8205.70.10	00	---Toolmakers', machinists' or metal workers' precision clamps or vices	-	Free	6.3%	20%	Free
8205.70.90	00	---Other	-	10.5%	10.5%	35%	7%
8205.80.00	00	-Anvils; portable forges; hand or pedal-operated grinding wheels with frameworks	-	10.5%	10.5%	35%	7%
8205.90.00	00	-Sets of articles of two or more of the foregoing subheadings	-	10.5%	10.5%	35%	7%
82.06							
8206.00.00	**00**	**Tools of two or more of the heading Nos. 82.02 to 82.05, put up in sets for retail sale**	-	10.5%	10.5%	35%	7%
82.07		**Interchangeable tools for hand tools, whether or not power-operated, or for machine-tools (for example, for pressing, stamping, punching, tapping, threading, drilling, boring, broaching, milling, turning or screw driving), including dies for drawing or extruding metal, and rock drilling or earth boring tools.**					
		-Rock drilling or earth boring tools:					

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8207.11		--With working part of sintered metal carbide or cermets					
8207.11.10		---Rotary rock drill bits; augers, other than those used in the exploration or drilling for water....		Free	Free	Free	Free
	10	-----*Rotary rock drill bits*.............	No				
	20	-----*Augers*.............................	No				
8207.11.90	00	---Other..................................	No	2.5%	9.2%	35%	2.5%
8207.12		--With working part of other material					
8207.12.10		---Rotary rock drill bits; non-diamond type core drill bits of a kind used in the exploration or drilling for water, oil or natural gas; augers, other than those used in the exploration or drilling for water....		Free	Free	Free	Free
	10	-----*Rotary rock drill bits*.............	No				
	20	-----*Non-diamond type core drill bits*...	No				
	30	-----*Augers*.............................	No				
8207.12.90		---Other..................................		2.5%	9.2%	35%	2.5%
	10	-----*Percussion rock drill bits*.........	No				
	20	-----*Diamond type core drill bits*.......	-				
	90	-----*Other*..............................	No				
8207.20		-Dies for drawing or extruding metal					
8207.20.10	00	---Wire drawing dies, in the rough......	No	Free	4%	35%	Free
8207.20.90		---Other..................................		2.5%	9.2%	35%	2.5%
		-----*For drawing:*					
	11	------*Wire*..............................	No				
	19	------*Other*.............................	No				
	20	-----*For extruding*......................	No				
8207.30.00		-Tools for pressing, stamping or punching..................................		2.5%	9.2%	35%	2.5%
	10	-----*For pressing or stamping*...........	No				
	20	-----*For punching*.......................	No				
8207.40.00		-Tools for tapping or threading.........		2.5%	9.2%	35%	2.5%
	10	-----*For tapping*........................	No				
	20	-----*For threading*......................	No				
8207.50.00		-Tools for drilling, other than for rock drilling..............................		2.5%	9.2%	35%	2.5%
		-----*Drill bits for metal working:*					
	11	------*Tungsten carbide tipped*...........	No				
	12	------*Twist, taper shank*................	No				
	13	------*Twist, straight shank*.............	No				
	19	------*Other*.............................	No				
	20	-----*Drill bits for wood working*........	No				
8207.60.00		-Tools for boring or broaching..........		2.5%	9.2%	35%	2.5%
		-----*For boring*					
	11	------*Insert bit type*...................	No				
	12	------*Integral shank*....................	No				
	19	------*Other*.............................	No				
		-----*For broaching:*					
	21	------*Tungsten carbide tipped*...........	No				
	29	------*Other*.............................	No				
8207.70.00		-Tools for milling........................		2.5%	9.2%	35%	2.5%
		-----*Milling cutters:*					
	11	------*Tungsten carbide tipped*...........	No				
	19	------*Other*.............................	No				
		-----*End mills:*					
	21	------*Tungsten carbide tipped*...........	No				
	29	------*Other*.............................	No				

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8207.80.00		-Tools for turning		2.5%	9.2%	35%	2.5%
	10	-----*Tungsten carbide tipped*	No				
	20	-----*Diamond point*	No				
	30	-----*Insert bit type*	No				
	40	-----*Integral shank*	No				
	90	-----*Other*	No				
8207.90.00		-Other interchangeable tools		2.5%	9.2%	35%	2.5%
		-----*Gear cutting:*					
	11	------*Hob*	No				
	19	------*Other*	No				
		-----*Rotary files:*					
	21	------*Tungsten carbide tipped*	No				
	29	------*Other*	No				
		-----*Rotary burrs:*					
	31	------*Tungsten carbide tipped*	No				
	39	------*Other*	No				
		-----*Dies:*					
	41	------*Tungsten carbide tipped*	No				
	42	------*Forging*	No				
	43	------*Forming*	No				
	44	------*Laminating, line or progressive*	No				
	45	------*Blanking or trimming*	No				
	49	------*Other*	No				
		-----*Other tools:*					
	91	------*Carbide tipped*	No				
	92	------*Burnishing*	No				
	93	------*Spinning*	No				
	94	------*Countersinking*	No				
	95	------*Chasing*	No				
	96	------*Planing*	No				
	99	------*Other*	No				
82.08		**Knives and cutting blades, for machines or for mechanical appliances.**					
8208.10.00		-For metal working		2.5%	9.2%	35%	2.5%
	10	-----*Guillotine knives*	No				
	90	-----*Other*	No				
8208.20.00		-For wood working		2.5%	9.2%	35%	2.5%
	10	-----*Planing blade*	-				
	20	-----*Veneer cutting blade*	-				
	90	-----*Other*	-				
8208.30.00	00	-For kitchen appliances or for machines used by the food industry	-	2.5%	9.2%	35%	2.5%
8208.40		-For agricultural, horticultural or forestry machines					
8208.40.10	00	---Of the goods of item Nos. 8433.20.10, 8433.30.00, 8433.40.00, 8433.51.00, 8433.52.00, 8433.53.00, 8433.59.00, 8433.90.90, 8436.10.00, 8436.80.10 and 8436.99.90	-	Free	Free	Free	Free
8208.40.90	00	---Other	-	2.5%	9.2%	35%	2.5%
8208.90.00	00	-Other	-	2.5%	9.2%	35%	2.5%
82.09							
8209.00		**Plates, sticks, tips and the like for tools, unmounted, of sintered metal carbides or cermets.**					
8209.00.10	00	---Tungsten carbide inserts for attachment to rock or coal drilling bits	-	5%	5.5%	25%	3.5%
8209.00.90	00	---Other	-	2.5%	9.2%	35%	2.5%

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
82.10							
8210.00.00		**Hand-operated mechanical appliances, weighing 10kg or less, used in the preparation, conditioning or serving of food or drink**		2.5%	9.2%	35%	2.5%
		-----Hand-operated food choppers, cutters, slicers, mincers, shredders or appliances which perform two or more of the foregoing functions:					
	11	*------Choppers*	-				
	12	*------Cutters*	-				
	13	*------Slicers*	-				
	14	*------Mincers*	-				
	15	*------Shredders*	-				
	16	*------Appliances which perform two or more of the foregoing functions*	-				
	20	*-----Can openers*	-				
	30	*-----Bottle openers*	-				
	40	*-----Kitchen churns*	-				
	50	*-----Spice mills*	-				
	60	*-----Mixers or eggbeaters*	-				
	90	*-----Other*	-				
82.11		**Knives with cutting blades, serrated or not (including pruning knives), other than knives of heading No. 82.08, and blades therefor.**					
8211.10		-Sets of assorted articles					
8211.10.10	00	---Table cutlery	-	15%	17.5%	35%	11.5%
8211.10.90	00	---Other	-	Free	11.3%	30%	Free
		-Other:					
8211.91		--Table knives having fixed blades					
8211.91.10	00	---Carving knives	-	Free	11.3%	30%	Free
8211.91.90		---Other		15%	17.5%	35%	11.5%
	10	*-----Steak knives*	-				
	90	*-----Other*	-				
8211.92.00		--Other knives having fixed blades		Free	11.3%	30%	Free
	10	*-----Hunting knives*	-				
	20	*-----Butcher knives*	-				
	30	*-----Paring knives*	-				
	90	*-----Other*	-				
8211.93.00	00	--Knives having other than fixed blades	-	Free	10.2%	30%	Free
8211.94.00		--Blades		Free	5.5%	10%	Free
	10	*-----For table cutlery*	-				
	90	*-----Other*	-				
82.12		**Razors and razor blades (including razor blade blanks in strips).**					
8212.10.00	00	-Razors	No	Free	10.2%	30%	Free
8212.20.00	00	-Safety razor blades, including razor blade blanks in strips	No	Free	9%	30%	Free
8212.90.00	00	-Other parts	No	Free	10.2%	30%	Free

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
82.13							
8213.00		**Scissors, tailors' shears and similar shears, and blades therefor.**					
8213.00.10		---Scissors or shears		Free	17.5%	30%	Free
		-----*Blade length not exceeding 150mm:*					
	11	------*Manicure*	No				
	19	------*Other*	No				
	20	-----*Blade length exceeding 150mm*	No				
8213.00.20	00	---Blanks	-	Free	5.5%	10%	Free
8213.00.30	00	---Blades	-	10.2%	10.2%	45%	6.5%
82.14		**Other articles of cutlery (for example, hair clippers, butchers' or kitchen cleavers, choppers and mincing knives, paper knives); manicure or pedicure sets and instruments (including nail files).**					
8214.10.00		-Paper knives, letter openers, erasing knives, pencil sharpeners and blades therefor		10.2%	10.2%	45%	6.5%
	10	-----*Pencil sharpeners*	-				
	90	-----*Other*	-				
8214.20.00	00	-Manicure or pedicure sets and instruments (including nail files)	-	10.2%	10.2%	45%	6.5%
8214.90		-Other					
8214.90.10	00	---Animal clippers for use on the farm	-	Free	Free	Free	Free
8214.90.90		---Other		11%	11%	45%	7%
	10	-----*Cleavers*	-				
	90	-----*Other*	-				
82.15		**Spoons, forks, ladles, skimmers, cake-servers, fish-knives, butter-knives, sugar tongs and similar kitchen or tableware.**					
8215.10		-Sets of assorted articles containing at least one article plated with precious metal					
8215.10.10	00	---Containing spoons, knives and forks of a kind used at the table	-	15%	17.5%	35%	11.5%
8215.10.90	00	---Other	-	10.7%	10.7%	45%	7%
8215.20		-Other sets of assorted articles					
8215.20.10		---Containing spoons, knives and forks of a kind used at the table		15%	17.5%	35%	11.5%
	10	-----*Stainless steel*	-				
	90	-----*Other*	-				
8215.20.90		---Other		10.2%	10.2%	45%	6.5%
	10	-----*Carving knives, steels and forks*	-				
	20	-----*Kitchen tool sets consisting of a ladle, masher, fork and tong, or similar articles*	-				
	90	-----*Other*	-				
		-Other:					
8215.91		--Plated with precious metal					
8215.91.10	00	---Spoons or forks of a kind used at the table	-	15%	17.5%	35%	11.5%
8215.91.90	00	---Other	-	10.7%	10.7%	45%	7%
8215.99		--Other					
8215.99.10		---Spoons or forks of a kind used at the table		15%	17.5%	35%	11.5%
	10	-----*Stainless steel*	-				
	90	-----*Other*	-				

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

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Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8215.99.20	00	---Spoon blanks or table forks in the rough..................................	-	Free	5.5%	10%	Free
8215.99.90		---Other....................................		10.2%	10.2%	45%	6.5%
	10	-----*Carving forks*......................	-				
	90	-----*Other*................................	-				

CHAPTER 83

Miscellaneous Articles of Base Metal

A. Introduction

Proposed Chapter 83 incorporates, in whole or in part, 85 items of the Customs Tariff, as listed below:

17900-1	Labels ... shipping, price or other tags, tickets or labels ...
*33905-1	Lead capsules for bottles ...
34600-1	Zinc, manufactures of n.o.p. ...
35200-1	Brass and copper nails, tacks ... n.o.p. ...
*35205-1	Bells, when imported for use of churches only ...
35210-1	Bells, electronically operated or not ... parts ... churches only ...
*35220-1	Coin locks ... solid brass or bronze ... chief value ...
35400-1	Manufactures of aluminum, n.o.p.
35700-1	Britania metal, nickel silver ... n.o.p.
36200-1	Articles consisting wholly or in part of sterling ... n.o.p.
*36205-1	Metal parts, electro-plated, for loose-leaf binders
36215-1	Nickel-plated ware, gilt or electro-plated ware, n.o.p.
36505-1	Findings of metal ... ornaments ... of the person
	Wire of all metals or alloys thereof, n.o.p.:
40122-1	Single, coated or covered
40924-1	... all other agricultural implements or machinery, n.o.p.; parts
40938-1	Internal combustion tractors...accessories, n.o.p., and parts thereof
40956-1	Axles ... for use with ... (agricultural machinery)
	Machinery and apparatus for use in ... ores, metals, or minerals:
41022-1	Of a class or kind made in Canada; parts thereof
	Electronic data processing machines ... parts thereof:
41417-1	Other than the following (see 41417-2)
	Refrigerator parts ... of iron or steel ...:
41507-2	Store
41515-1	Washing machines, domestic ... complete parts ...
41540-1	Domestic clothes drying machines, and parts thereof
	Machines, n.o.p., and accessories, attachments ... parts ...:
42700-1	Other than the following (see 42700-2 to 42700-9)
*43005-1	Hinges and butts, of iron or steel, coated or not, n.o.p. ...
*43006-1	Concealed adjustable hinges ... for awning windows
43200-1	Hollow-ware, of iron or steel ... n.o.p.
43220-1	Manufactures of tinplate ... n.o.p.
*43230-1	Closures or caps ... for capping receptacles holding liquid ...
	Parts for signal systems ... (for) railroads ...:
43705-2	Apparatus housings ... parts of the foregoing
43800-1	Railway cars and parts thereof, n.o.p.
	Bearings ... vulcanized fibre ... parts ... (motor vehicles):
43806-1	When of a class or kind not made in Canada
43807-1	When of a class or kind made in Canada

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* Indicates that goods under the present tariff item are classified only to this Chapter.

	... Axle housings ... grilles ... hinges ... parts ...:
43810-1	All of the foregoing when for use in specified tariff items
43816-1	... repair of the goods ... 41000-6, 42400-1 and 43803-1
43829-1	Parts, n.o.p. ... for automobiles ...
43842-1	Body bottom cross members and steel shapes ... for truck bodies ...
43877-1	Materials ... not made ... for use in ... passenger automobiles ...
44022-1	Manufactures of iron, brass or other metal ... not made ...
44053-1	Parts of aircraft, n.o.p.
44059-1	... bolts, cocks, cotter pins ... parts ...
44062-1	... castings ... for use in civil aircraft ...
44200-1	Articles and materials ... manufacture of (agricultural goods) ...
44205-1	Material ... parts ... not made ... of metal (for manufacturing) ...
44300-1	Apparatus, and parts thereof, for cooking or for heating buildings ...
	Electric apparatus and complete parts thereof, n.o.p.:
44524-1	Other than the following (see 44524-2 to 44524-11)
44544-1	Transistors and other semiconductor devices; parts thereof
44549-1	Channel frames; keeper laminations ... for use in tariff item 44548-1
	Manufactures articles or wares, of iron or steel ... n.o.p.:
44603-1	Other than the following (see 44603-2 to 44603-5)
*44640-1	Welding rods or welding wires ...
*44641-1	Welding rods or welding wires ... of iron or steel ...
*44650-1	Metal parts ... for loose leaf binder metals
45100-1	Buckles, clasps, eyelets ... n.o.p.; parts ...
45120-1	Corset clasps, busks, blanks, steels ...
45125-1	... shoe eyelets, corset eyelets ...
45135-1	Buckles and ornaments of metal ... for use in ... footwear
45140-1	Buckles and ornaments of metal ... for use in ... buckles ...
*45200-1	Metal tips, studs and eyes ... for ... corset clasps ...
*45305-1	Metal parts, n.o.p. ... for use in ... spectacle cases ...
45310-1	Stampings of metal ... for ... covered buttons
45400-1	Frames ... for purses, chatelaine bags ...
45405-1	Materials ... for use in the manufacture of purse frames
*45500-1	Locks for use in ... portfolios, luggage ...
45505-1	Parts for use in ... locks specified in tariff item 45500-1
*45510-1	Metal parts, unplated, for padlocks
46105-1	Safes including doors ... n.o.p.
46500-1	Signs of any material other than paper ...
	Machinery and apparatus for use in producing unrefined oil ...:
49216-1	Of a class or kind not made in Canada, parts thereof
49220-1	Materials for use in the manufacture of various tariff items
51200-1	Picture frames and photograph frames, of any material
51400-1	Coffins and caskets, and metal parts thereof
	House, office, cabinet or store furniture of wood, iron ...:
51902-1	In chief part by value of metal
59600-1	Agraffes ... (and piano parts) ... repair of pianos
62300-1	Musical instrument cases, fancy cases or boxes ... parts
62300-3	Purses, reticules; parts of the foregoing
62300-4	Portfolios, satchels, card cases ... parts of the foregoing
62400-1	Bead ornaments ... fans of all kinds ...
68205-1	Articles and materials for use in ... tariff item 68200-1

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* Indicates that goods under the present tariff item are classified only to this Chapter.

69105-1 Communion sets ... (religious goods)
69605-1 Apparatus, utensils ... for (non-profit organizations)
71100-1 All goods not enumerated in this schedule ...
82900-1 Tungsten carbide, encased in metal tubes ...
87500-1 Handicraft goods ...
95002-1 All parts, and accessories ... equipment in automobiles ...
95004-1 All parts, and accessories ... original equipment in buses ...
95006-1 All parts, and accessories ... specified commercial vehicles ...

B. The Board's Analysis and Recommendations

The only representation made to the Board respecting Chapter 83 was in the brief submitted by Alcan. As in regard to Chapter 82, Alcan claimed that the upward adjustment in the MFN rate for tariff item 35400-1 from 10.2 p.c. to 10.3 p.c., resulting from the implementation of the Board's recommendation in Reference 159, should be incorporated in Chapter 83. As discussed below, this change, and others respecting Reference 159, are shown in the revised rate schedule recommended by the Board.

The Board's analysis revealed that there were three rate changes in this Chapter which met the Board's criteria for restoration of the current tariff rates. Parts of coffins and caskets valued at $4.9 million, covered by tariff item 51400-1 and dutiable at 15 p.c. MFN, would be classifiable in part under tariff line 8302.49.00, namely 8302.49.00.40, at 10.2% MFN. Frames, clasps and fasteners in the amount of $4.6 million allocated to tariff line 8308.90.00, with a proposed rate of 11.1% MFN, are currently classified under tariff item 45400-1 when used in the manufacture of purses, chatelaine bags and reticules at 8 p.c. MFN. Further, $441,000 of imports under tariff item 45500-1 "Locks for use in ... portfolios, luggage ... frames and fittings therefor, wholly of metal, for use in the manufacture of gladstone bags", dutiable at 4 p.c. MFN, were allocated to tariff line 8308.90.90, with an MFN rate of 11.1%, as well.

It is recommended that an additional tariff line, 8302.49.10, be established in the proposed Schedule for "fittings for coffins" with the current MFN rate of 15%. For goods which would be dutiable at 11.1% under tariff line 8308.90.90 but which are currently dutiable at 8 p.c. under tariff item 45400-1, the inclusion of the latter in the Supplementary Annex assures the lower rate when the goods in question are imported for the manufacture of purses, chatelaine bags and reticules. With respect to metal frames and fittings for use in the manufacture of gladstone bags, it is recommended that a separate tariff line (8308.90.10) be provided at the current rate of 4%. Locks, which constitutes the bulk of imports under tariff item 45400-1, have been specifically provided for under tariff line 8301.40.10 at the same rate applicable at present. The recommended changes are presented below:

Delete the rates of duty under 8302.49.00 and add the following:

			MFN Rate
8302.49	--Other mountings, fittings and similar articles		
8302.49.10.00	---Fittings for coffins	-	15%
8302.49.90.	---Other		10.2%
10	-----For appliances	-	
	-----Drapery accessories		
21	------Poles, rods or tracks	-	
29	------Other	-	
30	-----Marine hardware	-	
90	-----Other articles	-	

Delete the rates of duty under 8308.90.00 and add the following:

			MFN Rate
8308.90	-Other, including parts		
8308.90.10.00	---For use in the manufacture of gladstone bags	-	4%
8308.90.90.	---Other		11.1%
10	-----Buckles	-	
20	-----Clasps	-	
90	-----Other	-	

Pursuant to the recommendation made earlier under Reference 159, the MFN rate pertaining to tariff item 35200-1, "brass and copper nails ... manufactures of brass or copper ...", has been adjusted upwards, from 10.2 p.c. to 10.3 p.c. To incorporate this rate revision into the draft Schedule for this Chapter, the MFN rate should be amended to 10.3% for the following five tariff lines:

8301.10.00.00
8306.10.00
8306.21.00.00
8306.29.00.00
8307.90.00.00

A similar rate change has also been implemented for tariff item 35400-1, "manufactures of aluminum, n.o.p.". To reflect this adjustment the MFN rate for tariff line 8309.10.00 should be revised from 10.2% to 10.3% (see Table 83.2).

The Board's recommended nomenclature changes are listed in Table 83.1.

Table 83.1

The Board's Nomenclature Recommendations

HS Code	Description of Goods	Reason for Change
8301.30.00.10	-----En fonte, fer ou acier	2
8301.40.90	---Other locks . . . . Autres serrures et verrous	3
8301.40.90.11	------En laiton ou plaquées de laiton	2
8301.40.90.12	------En fonte, fer ou acier	2
8301.40.90.19	------Of other material . . . . En autres matières	3
8301.40.90.21	------En laiton ou plaquées de laiton	2
8301.40.90.22	------En fonte, fer ou acier	2
8301.40.90.29	------Of other material . . . . En autres matières	3
8301.40.90.90	-----Autres serrures et verrous	2
8301.40.90.91	------En laiton ou plaqués de laiton	2
8301.40.90.92	------En fonte, fer ou acier	2
8301.40.90.99	------Of other material . . . . En autres matières	3
8301.70.00.10	-----En laiton ou plaquées de laiton	2
8301.70.00.20	-----En fonte, fer ou acier	2
8302.10.00.30	Delete this class	2
8302.41.00.90	-----Other articles suitable for buildings . . . Autres articles pour bâtiments	3
8302.60.00.90	New class -----Other . . . . Autres	6
8304.00.10.00	---Filing cabinets and card-index cabinets . . . Classeurs et fichiers	2

TABLE 83.1 (CONT.)

HS Code	Description of Goods	Reason for Change
8305.90.10.00	---Indexing tags . . . . Onglets de signalisation	2
8305.90.90	Renumber 8305.90.20. ---Letter clips; letter corners, paper clips and similar office articles . . . . Attache-lettres; coins de lettres, trombones et objets similaires de bureau	3
8306.30.00.10	-----Photograph or picture frames . . . . Cadres pour photographies ou gravures	2
8306.30.00.90	Renumber 8306.30.00.20 -----Similar frames; mirrors . . . . Cadres similaires; miroirs	3
8308.10.90.00	---Other hooks, eyes and eyelets . . . . Autres agrafes, crochets et oeillets	3
8308.20.90.00	---Other tubular or bifurcated rivets . . . . . Autres rivets tubulaires ou à tige fendue	3
8309.90.00.20	Renumber 8309.90.00.80 -----Other stoppers, caps and lids	2
8309.90.00.90	-----Other packing accessories . . . . Autres accessoires pour l'emballage	3
8310.00.00.10	Renumber 8310.00.00.20	2
8310.00.00.20	Renumber 8310.00.00.10 -----Numbers and letters . . . . Chiffres et lettres	2&4
8310.00.00.30	Delete this class	2
8311.10.00.10	Delete this class	4
8311.10.00.11	Renumber 8310.10.00.10 -----Of stainless steel . . . . En acier inoxydable	4
8311.10.00.19	Renumber 8311.10.00.20 -----Of iron or other steel . . . . En fonte, fer ou autres aciers	3
8311.10.00.20	Renumber 8311.10.00.30	4
8311.10.00.30	Renumber 8311.10.00.40	4
8311.10.00.90	-----Of other base metal . . . . En autres métaux communs	3

TABLE 83.1 (CONCL.)

HS Code	Description of Goods	Reason for Change
8311.20.00.10	Delete this class	4
8311.20.00.11	Renumber 8310.20.00.10 -----Of stainless steel . . . . En acier inoxydable	4
8311.20.00.19	Renumber 8311.20.00.20 -----Of iron or other steel . . . . En fonte, fer ou autres aciers	3
8311.20.00.20	Renumber 8311.20.00.30	4
8311.20.00.90	-----Of other base metal . . . . En autres métaux communs	3
8311.30.00.10	Delete this class	4
8311.30.00.11	Renumber 8311.30.00.10 -----Of stainless steel . . . . En acier inoxydable	4
8311.30.00.19	Renumber 8311.30.00.20 -----Of iron or other steel . . . . En fonte, fer ou autres aciers	4
8311.30.00.90	Delete this class	4
8311.30.00.91	Renumber 8311.30.00.80 -----Of other base metals, for soldering . . . . En autres métaux communs; pour le soudage	4
8311.30.00.99	Renumber 8311.30.00.90	4
8311.90.10.00	---Tungsten carbide encased in metal tubes, for use in Canadian manufactures . . . . Carbure de tungstène enfermé dans des tubes métalliques, devant servir à la fabrication de produits au Canada	2

LEGAL NOTES RECOMMENDED BY THE BOARD

Chapter 83

MISCELLANEOUS ARTICLES OF BASE METAL

Legal Notes. *

1. For the purposes of this Chapter, parts of base metal are to be classified with their parent articles. However, articles of iron or steel of heading No. 73.12, 73.15, 73.17, 73.18 or 73.20, or similar articles of other base metal (Chapters 74 to 76 and 78 to 81) are not to be taken as parts of articles of this Chapter.

2. For the purposes of heading No. 83.02, the word "castors" means those having a diameter (including, where appropriate, tires) not exceeding 75 mm, or those having a diameter (including, where appropriate, tires) exceeding 75 mm provided that the width of the wheel or tire fitted thereto is less than 30 mm.

TABLE 83.2: SCHEDULE RECOMMENDED BY THE BOARD

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
83.01	**Padlocks and locks (key, combination or electrically operated), of base metal; clasps and frames with clasps, incorporating locks, of base metal; keys for any of the foregoing articles, of base metal.**						
8301.10.00.00	-Padlocks	-	10.3%	10.3%	45%	6.5%	*
8301.20.00.00	-Locks of a kind used for motor vehicles . .	-	Free	9.2%	35%	Free	
8301.30.00.	-Locks of a kind used for furniture		10.2%	10.2%	45%	6.5%	
10	-----Of iron or steel	-					
20	-----Of other material	-					
8301.40	-Other locks						
8301.40.10.00	---For use in the manufacture of portfolios, luggage or tackle boxes	-	4%	4%	35%	2.5%	
8301.40.90.	---Other locks		10.2%	10.2%	45%	6.5%	*
	-----Dead bolt locks						
11	------Of brass or brass-plated	-					
12	------Of iron or steel	-					
19	------Of other material	-					*
	-----Locksets						
21	------Of brass or brass-plated	-					
22	------Of iron or steel	-					
29	------Of other material	-					*
30	-----Cylinder locks	-					
40	-----Combination locks	-					
	-----Other locks						
91	------Of brass or brass-plated	-					
92	------Of iron or steel	-					
99	------Of other material	-					*
8301.50.00.00	-Clasps and frames with clasps, incorporating locks	-	10.2%	10.2%	45%	6.5%	
8301.60.00.	-Parts		10.2%	10.2%	45%	6.5%	
10	-----For coin operated locks	-					
90	-----Other	-					
8301.70.00.	-Keys presented separately		10.2%	10.2%	45%	6.5%	
10	-----Of brass or brass-plated	-					
20	-----Of iron or steel	-					
90	-----Other, including blanks	-					

TABLE 83.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
83.02	**Base metal mountings, fittings and similar articles suitable for furniture, doors, staircases, windows, blinds, coachwork, saddlery, trunks, chests, caskets or the like; base metal hat-racks, hat-pegs, brackets and similar fixtures; castors with mountings of base metal; automatic door closers of base metal.**						
8302.10.00.	-Hinges		10.2%	10.2%	45%	6.5%	
10	-----For furniture	-					
20	-----For motor vehicles	-					
90	-----Other	-					
8302.20.00.	-Castors		10.2%	10.2%	45%	6.5%	
10	-----For furniture	-					
90	-----Other	-					
8302.30.00.	-Other mountings, fittings and similar articles suitable for motor vehicles		Free	9.2%	35%	Free	
10	-----Moulding or wiring clips	-					
90	-----Other	-					
	-Other mountings, fittings and similar articles						
8302.41.00.	--Suitable for buildings		10.2%	10.2%	45%	6.5%	
	-----For doors, not including closers						
11	------Automatic activators	-					
12	------Garage door hardware	-					
19	------Other	-					
20	-----Window hardware	-					
90	-----Other articles suitable for buildings	-					*
8302.42.00.	--Other, suitable for furniture		10.2%	10.2%	45%	6.5%	
10	-----Catches, knobs or pulls	-					
90	-----Other	-					
8302.49	--Other mountings, fittings and similar articles						*
8302.49.10.00	---Fittings for coffins	-	15%	15%	25%	10%	*
8302.49.90.	---Other		10.2%	10.2%	45%	6.5%	*
10	-----For appliances	-					*
	-----Drapery accessories						*
21	------Poles, rods or track	-					*
29	------Other	-					*
30	-----Marine hardware	-					*
90	-----Other articles	-					*
8302.50.00.	-Hat-racks, hat-pegs, brackets and similar fixtures		10.2%	10.2%	45%	6.5%	
10	-----Brackets	-					
90	-----Other	-					

TABLE 83.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
8302.60.00.	-Automatic door closers		10.2%	10.2%	45%	6.5%	
10	-----Pneumatic	-					
20	-----Hydraulic	-					
90	-----Other	-					*
83.03 8303.00.00.00	Armoured or reinforced safes, strong-boxes and doors and safe deposit lockers for strong-rooms, cash or deed boxes and the like, of base metal	-	10%	10.2%	35%	6.5%	
83.04	Filing cabinets, card-index cabinets, paper trays, paper rests, pen trays, office-stamp stands and similar office or desk equipment, of base metal, other than office furniture of heading No. 94.03.						
8304.00.10.00	---Filing cabinets and card-index cabinets	-	12.5%	12.5%	45%	8%	*
8304.00.90.00	---Other	-	10.2%	10.2%	45%	6.5%	
83.05	Fittings for loose-leaf binders or files, letter clips, letter corners, paper clips, indexing tags and similar office articles, of base metal; staples in strips (for example, for offices, upholstery, packaging), of base metal.						
8305.10.00.00	-Fittings for loose-leaf binders or files	-	8%	8%	45%	5%	
8305.20.00.00	-Staples in strips	-	10.2%	10.2%	45%	6.5%	
8305.90	-Other, including parts						
8305.90.10.00	---Indexing tags	-	8%	8%	45%	5%	*
8305.90.20.	---Letter clips; letter corners, paper clips and similar office articles		10.2%	10.2%	45%	6.5%	*
10	-----Paper clips	-					
90	-----Other	-					

TABLE 83.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
83.06	**Bells, gongs and the like, non-electric, of base metal; statuettes and other ornaments, of base metal; photograph, picture or similar frames, of base metal; mirrors of base metal.**						
8306.10.00.	-Bells, gongs and the like		10.3%	10.3%	30%	6.5%	*
10	-----Bells	-					
90	-----Other	-					
	-Statuettes and other ornaments						
8306.21.00.00	--Plated with precious metal	-	10.3%	10.3%	45%	6.5%	*
8306.29.00.00	--Other	-	10.3%	10.3%	45%	6.5%	*
8306.30.00.	-Photograph, picture or similar frames; mirrors		9.7%	9.7%	35%	6%	
10	-----Photograph or picture frames	No.					*
20	-----Similar frames; mirrors	No.					*
83.07	**Flexible tubing of base metal, with or without fittings.**						
8307.10.00.00	-Of iron or steel	-	10%	10.2%	35%	6.5%	
8307.90.00.00	-Of other base metal	-	10.3%	10.3%	45%	6.5%	*
83.08	**Clasps, frames with clasps, buckles, buckle-clasps, hooks, eyes, eyelets and the like, of base metal, of a kind used for clothing, footwear, awnings, handbags, travel goods or other made up articles; tubular or bifurcated rivets, of base metal; beads and spangles, of base metal.**						
8308.10	-Hooks, eyes and eyelets						
8308.10.10.00	---Shoe eyelet hooks; shoe or corset eyelets	-	Free	Free	Free	Free	
8308.10.90.00	---Other hooks, eyes and eyelets	-	11.3%	11.3%	30%	7.5%	*
8308.20	-Tubular or bifurcated rivets						
8308.20.10.00	---Corset rivets	-	Free	Free	Free	Free	
8308.20.90.00	---Other tubular or bifurcated rivets	-	10.2%	10.2%	35%	6.5%	*
8308.90	-Other, including parts						*
8308.90.10.00	---For use in the manufacture of gladstone bags	-	4%	4%	35%	2.5%	*

TABLE 83.2: (CONT.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

Code or Number	Description of Goods	Unit of Meas.	Tariffs BP	Tariffs MFN	Tariffs Gen	Tariffs GP	
8308.90.90.	---Other		11.1%	11.1%	30%	7%	*
10	-----Buckles	-					*
20	-----Clasps	-					*
90	-----Other	-					*
83.09	Stoppers, caps and lids (including crown corks, screw caps and pouring stoppers), capsules for bottles, threaded bungs, bung covers, seals and other packing accessories, of base metal.						
8309.10.00.00	-Crown corks	-	10.3%	10.3%	45%	6.5%	*
8309.90.00.	-Other		10.2%	10.2%	45%	6.5%	
10	-----Bottle caps	-					
80	-----Other stoppers, caps and lids	-					*
90	-----Other packing accessories	-					*
83.10 8310.00.00.	Sign-plates, name-plates, address-plates and similar plates, numbers, letters and other symbols, of base metal, excluding those of heading No. 94.05		11.3%	11.3%	35%	Free	
10	-----Numbers and letters	-					*
20	-----Symbols for motor vehicles	-					*
90	-----Other	-					
83.11	Wire, rods, tubes, plates, electrodes and similar products, of base metal or of metal carbides, coated or cored with flux material, of a kind used for soldering, brazing, welding or deposition of metal or of metal carbides; wire and rods, of agglomerated base metal powder, used for metal spraying.						
8311.10.00.	-Coated electrodes of base metal, for electric arc-welding		9.7%	9.7%	35%	6%	
10	-----Of stainless steel	kg					*
20	-----Of iron or other steel	kg					*
30	-----Of nickel or nickel alloys	kg					*
40	-----Of tungsten	kg					*
90	-----Of other base metal	kg					*

TABLE 83.2: (CONCL.)

CANADIAN CUSTOMS NOMENCLATURE AND SCHEDULE OF TARIFFS

(In accordance with the Harmonized System)

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Code or Number	Description of Goods	Unit of Meas.	Tariffs				
			BP	MFN	Gen	GP	
8311.20.00.	-Cored wire of base metal, for electric arc-welding		9.7%	9.7%	35%	6%	
10	-----Of stainless steel	kg					*
20	-----Of iron or other steel	kg					*
30	-----Of copper or copper alloys	kg					*
90	-----Of other base metal	kg					*
8311.30.00.	-Coated rods and cored wire, of base metal, for soldering, brazing or welding by flame		9.7%	9.7%	35%	6%	
10	-----Of stainless steel	kg					*
20	-----Of iron or other steel	kg					*
80	-----Of other base metals, for soldering . .	kg					*
90	-----Other	kg					*
8311.90	-Other, including parts						
8311.90.10.00	---Tungsten carbide encased in metal tubes, for use in Canadian manufactures	kg	Free	Free	Free	Free	*
8311.90.90.00	---Other	kg	9.7%	9.7%	35%	6%	

CHAPTER 83

APPENDIX

Chapter 83

MISCELLANEOUS ARTICLES OF BASE METAL

Notes.

1. For the purpose of this Chapter, parts of base metal are to be classified with their parent articles. However, articles of iron or steel of heading No. 73.12, 73.15, 73.17, 73.18 or 73.20, or similar articles of other base metal (Chapters 74 to 76 and 78 to 81) are not to be taken as parts of articles of this Chapter.

2. For the purpose of heading No. 83.02, the word "castors" means those having a diameter (including, where appropriate, tires) not exceeding 75mm, or those having a diameter (including, where appropriate, tires) exceeding 75mm provided that the width of the wheel or tire fitted thereto is less than 30mm.

APPENDIX 1: DRAFT SCHEDULE AS REFERRED TO THE BOARD

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
83.01		**Padlocks and locks (key, combination or electrically operated), of base metal; clasps and frames with clasps, incorporating locks, of base metal; keys for any of the foregoing articles, of base metal.**					
8301.10.00	00	-Padlocks	-	10.2%	10.2%	45%	6.5%
8301.20.00	00	-Locks of a kind used for motor vehicles	-	Free	8.2%	35%	Free
8301.30.00		-Locks of a kind used for furniture		10.2%	10.2%	45%	6.5%
	10	-----*Of iron or steel*	-				
	20	-----*Of other material*	-				
8301.40		-Other locks					
8301.40.10	00	---For use in the manufacture of portfolios, luggage or tackle boxes	-	4%	4%	35%	2.5%
8301.40.90		---Other		10.2%	10.2%	45%	6.5%
		-----*Dead bolt locks:*					
	11	------*Of brass or brass-plated*	-				
	12	------*Of iron or steel*	-				
	19	------*Other*	-				
		-----*Locksets:*					
	21	------*Of brass or brass-plated*	-				
	22	------*Of iron or steel*	-				
	29	------*Other*	-				
	30	-----*Cylinder locks*	-				
	40	-----*Combination locks*	-				
		-----*Other locks:*					
	91	------*Of brass or brass-plated*	-				
	92	------*Of iron or steel*	-				
	99	------*Other*	-				
8301.50.00	00	-Clasps and frames with clasps, incorporating locks	-	10.2%	10.2%	45%	6.5%
8301.60.00		-Parts		10.2%	10.2%	45%	6.5%
	10	-----*For coin operated locks*	-				
	90	-----*Other*	-				
8301.70.00		-Keys presented separately		10.2%	10.2%	45%	6.5%
	10	-----*Of brass or brass-plated*	-				
	20	-----*Of iron or steel*	-				
	90	-----*Other, including blanks*	-				
83.02		**Base metal mountings, fittings and similar articles suitable for furniture, doors, staircases, windows, blinds, coachwork, saddlery, trunks, chests, caskets or the like; base metal hat-racks, hat-pegs, brackets and similar fixtures; castors with mountings of base metal; automatic door closers of base metal.**					
8302.10.00		-Hinges		10.2%	10.2%	45%	6.5%
	10	-----*For furniture*	-				
	20	-----*For motor vehicles*	-				
	30	-----*Continuous hinges*	-				
	90	-----*Other*	-				
8302.20.00		-Castors		10.2%	10.2%	45%	6.5%
	10	-----*For furniture*	-				
	90	-----*Other*	-				

APPENDIX 1: (CONT.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8302.30.00		-Other mountings, fittings and similar articles suitable for motor vehicles		Free	9.2%	35%	Free
	10	-----*Moulding or wiring clips*	-				
	90	-----*Other*	-				
		-Other mountings, fittings and similar articles:					
8302.41.00		--Suitable for buildings		10.2%	10.2%	45%	6.5%
		-----*For doors, not including closers:*					
	11	------*Automatic activators*	-				
	12	------*Garage door hardware*	-				
	19	------*Other*	-				
	20	-----*Window hardware*	-				
	90	-----*Other*	-				
8302.42.00		--Other, suitable for furniture		10.2%	10.2%	45%	6.5%
	10	-----*Catches, knobs or pulls*	-				
	90	-----*Other*	-				
8302.49.00		--Other		10.2%	10.2%	45%	6.5%
	10	-----*For appliances*	-				
		-----*Drapery accessories:*					
	21	------*Poles, rods or track*	-				
	29	------*Other*	-				
	30	-----*Marine hardware*	-				
	40	-----*Fittings for coffins*	-				
	90	-----*Other*	-				
8302.50.00		-Hat-racks, hat-pegs, brackets and similar fixtures		10.2%	10.2%	45%	6.5%
	10	-----*Brackets*	-				
	90	-----*Other*	-				
8302.60.00		-Automatic door closers		10.2%	10.2%	45%	6.5%
	10	-----*Pneumatic*	-				
	20	-----*Hydraulic*	-				
83.03							
8303.00.00	**00**	**Armoured or reinforced safes, strong-boxes and doors and safe deposit lockers for strong-rooms, cash or deed boxes and the like, of base metal**	-	10%	10.2%	35%	6.5%
83.04							
8304.00		**Filing cabinets, card-index cabinets, paper trays, paper rests, pen trays, office-stamp stands and similar office or desk equipment, of base metal, other than office furniture of heading No. 94.03.**					
8304.00.10	00	---Filing cabinets or card-index cabinets	-	12.5%	12.5%	45%	8%
8304.00.90	00	---Other	-	10.2%	10.2%	45%	6.5%
83.05		**Fittings for loose-leaf binders or files, letter clips, letter corners, paper clips, indexing tags and similar office articles, of base metal; staples in strips (for example, for offices, upholstery, packaging), of base metal.**					
8305.10.00	00	-Fittings for loose-leaf binders or files	-	8%	8%	45%	5%
8305.20.00	00	-Staples in strips	-	10.2%	10.2%	45%	6.5%
8305.90		-Other, including parts					

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8305.90.10	00	---Indexing tags; other loose-leaf binder parts	-	8%	8%	45%	5%
8305.90.90		---Other		10.2%	10.2%	45%	6.5%
	10	-----*Paper clips*	-				
	90	-----*Other*	-				
83.06		**Bells, gongs and the like, non-electric, of base metal; statuettes and other ornaments, of base metal; photograph, picture or similar frames, of base metal; mirrors of base metal.**					
8306.10.00		-Bells, gongs and the like		10.2%	10.2%	30%	6.5%
	10	-----*Bells*	-				
	90	-----*Other*	-				
		-Statuettes and other ornaments:					
8306.21.00	00	--Plated with precious metal	-	10.2%	10.2%	45%	6.5%
8306.29.00	00	--Other	-	10.2%	10.2%	45%	6.5%
8306.30.00		-Photograph, picture or similar frames; mirrors		9.7%	9.7%	35%	6%
	10	-----*Picture or photograph frames*	No				
	90	-----*Other*	No				
83.07		**Flexible tubing of base metal, with or without fittings.**					
8307.10.00	00	-Of iron or steel	-	10%	10.2%	35%	6.5%
8307.90.00	00	-Of other base metal	-	10.2%	10.2%	45%	6.5%
83.08		**Clasps, frames with clasps, buckles, buckle-clasps, hooks, eyes, eyelets and the like, of base metal, of a kind used for clothing, footwear, awnings, handbags, travel goods or other made up articles; tubular or bifurcated rivets, of base metal; beads and spangles, of base metal.**					
8308.10		-Hooks, eyes and eyelets					
8308.10.10	00	---Shoe eyelet hooks; shoe or corset eyelets	-	Free	Free	Free	Free
8308.10.90	00	---Other	-	11.3%	11.3%	30%	7.5%
8308.20		-Tubular or bifurcated rivets					
8308.20.10	00	---Corset rivets	-	Free	Free	Free	Free
8308.20.90	00	---Other	-	10.2%	10.2%	35%	6.5%
8308.90.00		-Other, including parts		11.1%	11.1%	30%	7%
	10	-----*Buckles*	-				
	20	-----*Clasps*	-				
	90	-----*Other*	-				
83.09		**Stoppers, caps and lids (including crown corks, screw caps and pouring stoppers), capsules for bottles, threaded bungs, bung covers, seals and other packing accessories, of base metal.**					
8309.10.00	00	-Crown corks	-	10.2%	10.2%	45%	6.5%

APPENDIX 1: (CONCL.)

CANADIAN TARIFF SCHEDULE

Converted to the Harmonized System

Item	SS	Description of Goods	Unit of Meas.	BP Rate	MFN Rate	GEN Rate	GPT Rate
8309.90.00		-Other		10.2%	10.2%	45%	6.5%
	10	-----*Bottle caps*	-				
	20	-----*Other caps, tops or lids*	-				
	90	-----*Other*	-				
83.10							
8310.00.00		**Sign-plates, name-plates, address-plates and similar plates, numbers, letters and other symbols, of base metal, excluding those of heading No. 94.05**		11.3%	11.3%	35%	Free
	10	-----*Symbols for motor vehicles*	-				
	20	-----*Letters or numbers*	-				
	30	-----*Identification plates, tags or labels*	-				
	90	-----*Other*	-				
83.11		**Wire, rods, tubes, plates, electrodes and similar products, of base metal or of metal carbides, coated or cored with flux material, of a kind used for soldering, brazing, welding or deposition of metal or of metal carbides; wire and rods, of agglomerated base metal powder, used for metal spraying.**					
8311.10.00		-Coated electrodes of base metal, for electric arc-welding		9.7%	9.7%	35%	6%
		-----*Of steel:*					
	11	------*Stainless*	kg				
	19	------*Other*	kg				
	20	-----*Of nickel or nickel alloys*	kg				
	30	-----*Of tungsten*	kg				
	90	-----*Other*	kg				
8311.20.00		-Cored wire of base metal, for electric arc-welding		9.7%	9.7%	35%	6%
		-----*Of steel:*					
	11	------*Stainless*	kg				
	19	------*Other*	kg				
	20	-----*Of copper or copper alloys*	kg				
	90	-----*Other*	kg				
8311.30.00		-Coated rods and cored wire, of base metal, for soldering, brazing or welding by flame		9.7%	9.7%	35%	6%
		-----*Of steel:*					
	11	------*Stainless*	kg				
	19	------*Other*	kg				
		-----*Other, including solder:*					
	91	------*Solder*	kg				
	99	------*Other*	kg				
8311.90		-Other, including parts					
8311.90.10	00	---Tungsten carbide, encased in metal tubes, for use in Canadian manufactures	kg	Free	Free	Free	Free
8311.90.90	00	---Other	kg	9.7%	9.7%	35%	6%